Osmania University

CALENDAR

1340-1343 FASLI

(Oct. 1930—Oct. 1934)

9166

Osmania University

THE CALENDAR FOR 1340—1343 F.

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CALENDAR

1340-1343 FASLI

(Oct. 1930—Oct. 1934)

CONTENTS

AZUR 1340 F.—OCTOBER 1930 A. D.

Az.	Oct.	Days	
1	6	M	
2	7	Tu	Osmania University Established, 1st Muharram 1337 H.. 1328 F. 1918.
3	8	W	Lunar Eclipse.
4	9	Th	
5	10	FRI	
6	11	S	
7	12	Sun	
8	13	M	
9	14	Tu	
10	15	W	
11	16	Th	
12	17	FRI	
13	18	S	
14	19	Sun	
15	20	M	
16	21	Tu	⎫
17	22	W	⎬ *Devali.*
18	23	Th	⎭
19	24	FRI	
20	25	S	
21	26	Sun	
22	27	M	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1923.
23	28	Tu	
24	29	W	
25	30	Th	
26	31	FRI	
27	Nov	S	
28	2	Sun	
29	3	M	
30	4	Tu	

DAI 1340 F.—NOVEMBER 1930 A.D.

Dai	Nov.	Days	
1	5	W	
2	6	Tu	
3	7	FRI	
4	8	S	
5	9	Sun	
6	10	M	
7	11	Tu	The Osmania University Regulations received the assent of His Exalted Highness, 26th Safar 1339 H.—1330 F.—1920.
8	12	W	
9	13	Th	
10	14	FRI	*Fateha Hazrat Abu Bakar Siddiq.*
11	15	S	
12	16	Sun	
13	17	M	
14	18	Tu	
15	19	W	
16	20	Th	
17	21	FRI	
18	22	S	**H. E. H. the Nizam's Birthday.**
19	23	Sun	
20	24	M	
21	25	Tu	
22	26	W	
23	27	Th	*Urus Hazrat Khwaja Muinuddin Chishti.*
24	28	FRI	
25	29	S	
26	30	Sun	
27	Dec.	M	
28	2	Tu	
29	3	W	
30	4	Th	

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BAHMAN 1340 F.—DECEMBER 1930 A.D.

Bah.	Dec.	Days	
1	5	FRI	
2	6	S	
3	7	Sun	
4	8	M	*Maula Ali Urus.*
5	9	Tu	
6	10	W	
7	11	Th	
8	12	FRI	
9	13	S	
10	14	Sun	
11	15	M	
12	16	Tu	
13	17	W	*Shab-i-Miraj.*
14	18	Th	
15	19	FRI	
16	20	S	*Independence Day.*
17	21	Sun	
18	22	M	
19	23	Tu	
20	24	W	
21	25	Th	*Christmas.*
22	26	FRI	
23	27	S	
24	28	Sun	
25	29	M	
26	30	Tu	
27	31	W	
28	Jan.	Th	*New Year's Day.*
29	2	FRI	
30	3	S	

ISFANDAR 1340 F.—JANUARY 1931 A.D.

Isf.	Jan.	Days	
1	4	Sun	*Shab-i-Barat.*
2	5	M	
3	6	Tu	
4	7	W	
5	8	Th	
6	9	FRI	
7	10	S	*Urus Baba Sharfuddin Aulia.*
8	11	Sun	
9	12	M	
10	13	Tu	
11	14	W	*Til Sankarat.*
12	15	Th	
13	16	FRI	
14	17	S	
15	18	Sun	
16	19	M	
17	20	Tu	
18	21	W	
19	22	Th	
20	23	FRI	*Basant Panchami.*
21	24	S	*Anniversary of H.II. the late Nizam.*
22	25	Sun	
23	26	M	
24	27	Tu	*H.E.H. the Nizam ascended the throne, 1329 H.*
25	28	W	
26	29	Th	
27	30	FRI	
28	31	S	
29	Feb.	Sun	
30	2	M	

FARWARDI 1340 F.—FEBRUARY 1931 A.D.

Far.	Feb.	Days	
1	3	Tu	
2	4	W	
3	5	Th	
4	6	FRI	
5	7	S	
6	8	Sun	Last day for receiving applications for the Intermediate, B.A., M.A., & M. Sc. Examinations (Private candidates).
7	9	M	*Fateha Hazrat Ali.*
8	10	Tu	
9	11	W	
10	12	Th	
11	13	FRI	
12	14	S	Last day for receiving applications for the Matriculation Examination (Pupil and Private candidates).
13	15	Sun	*Maha Sivratri.*
14	16	M	
15	17	Tu	}*Shab-i-Qadr.*
16	18	W	
17	19	Th	
18	20	FRI	
19	21	S	}*Id-ul-Fitr.*
20	22	Sun	
21	23	M	
22	24	Tu	
23	25	W	
24	26	Th	
25	27	FRI	
26	28	S	Census Day.
27	Mar.	Sun	
28	2	M	
29	3	Tu	}*Holi.*
30	4	W	
31	5	Th	

ARDIBEHISHT 1340 F.—MARCH 1931 A.D.

Ard.	Mar	Days	
1	6	FRI	
2	7	S	
3	8	Sun	
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	Last day for receiving applications for the Inter. B.A., M.A., & M. Sc. Exams. (College candidates)
8	13	FRI	
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	
13	18	W	
14	19	Th	
15	20	FRI	*Ugadi.*
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	
20	25	W	
21	26	Th	
22	27	FRI	
23	28	S	*Sri Ramnaumi.*
24	29	Sun	
25	30	M	
26	31	Tu	
27	Apr.	W	
28	2	Th	
29	3	FRI	*Lunar Eclipse.*
30	4	S	
31	5	Sun	

KHURDAD 1340 F.—APRIL 1931 A.D.

Khd	Apr.	Days	
1	6	M	
2	7	Tu	
3	8	W	
4	9	Th	
5	10	FRI	
6	11	S	
7	12	Sun	
8	13	M	Intermediate. B.A.,M.A., & M.Sc. Examinations begin.
9	14	Tu	
10	15	W	
11	16	Th	
12	17	FRI	
13	18	S	
14	19	Sun	
15	20	M	Matriculation Examination begins.
16	21	Tu	
17	22	W	
18	23	Th	
19	24	FRI	
20	25	S	
21	26	Sun	
22	27	M	
23	28	Tu	⎫
24	29	W	⎪
25	30	Th	⎬ *Id-uz-Zuha.*
26	May	FRI	⎪
27	2	S	⎭
28	3	Sun	
29	4	M	
30	5	Tu	
31	6	W	

TIR 1340 F.—MAY 1931 A.D.

Tir	May	Days	
1	7	Th	*Fateha Hazrat Osman Ghani.*
2	8	FRI	
3	9	S	LL. B. Examinations begin.
4	10	Sun	
5	11	M	
6	12	Tu	
7	13	W	
8	14	Th	
9	15	FRI	
10	16	S	
11	17	Sun	
12	18	M	
13	19	Tu	
14	20	W	*Fateha Hazrat Omar Faruq.*
15	21	Th	
16	22	FRI	
17	23	S	
18	24	Sun	*Queen Victoria's Birthday, 1819.*
19	25	M	
20	26	Tu	*Muharram.*
21	27	W	
22	28	Th	
23	29	FRI	
24	30	S	
25	31	Sun	
26	June	M	
27	2	Tu	
28	3	W	*H. M. the King Emperor's Birthday, 1865.*
29	4	Th	
30	5	FRI	
31	6	S	

AMARDAD 1340 F.—JUNE 1931 A.D.

Amd	June	Days
1	7	Sun
2	8	M
3	9	Tu
4	10	W
5	11	Th
6	12	FRI
7	13	S
8	14	Sun
9	15	M
10	16	Tu
11	17	W
12	18	Th
13	19	FRI
14	20	S
15	21	Sun
16	22	M
17	23	Tu
18	24	W
19	25	Th
20	26	FRI
21	27	S
22	28	Sun
23	29	M
24	30	Tu
25	July	W
26	2	Th
27	3	FRI
28	4	S
29	5	Sun
30	6	M
31	7	Tu

SHAHREWAR 1340 F.—JULY 1931 A.D.

Shr.	July	Days	
1	8	W	
2	9	Th	
3	10	FRI	
4	11	S	
5	12	Sun	
6	13	M	
7	14	Tu	
8	15	W	
9	16	Th	
10	17	FRI	
11	18	S	
12	19	Sun	
13	20	M	
14	21	Tu	
15	22	W	
16	23	Th	
17	24	FRI	
18	25	S	
19	26	Sun	
20	27	M	} The Prophet's Birthday.
21	28	Tu	
22	29	W	
23	30	Th	
24	31	FRI	
25	Aug.	S	
26	2	Sun	
27	3	M	
28	4	Tu	
29	5	W	
30	6	Th	University Convocation.
31	7	FRI	

MEHIR 1340 F.—AUGUST 1931 A.D.

Mhr.	Aug.	Days	
1	8	S	
2	9	Sun	
3	10	M	
4	11	Tu	
5	12	W	
6	13	Th	
7	14	FRI	
8	15	S	
9	16	Sun	
10	17	M	
11	18	Tu	
12	19	W	
I3	20	Th	
14	21	FRI	Birthday of the H.H. late Nizam, 1283 H.
15	22	S	
16	23	Sun	
17	24	M	
18	25	Tu	
19	26	W	Yazdahum Sharif.
20	27	Th	Rakhi Punnam.
21	28	FRI	Osmania University College opened, 1328 F.—1919.
22	29	S	
23	30	Sun	
24	31	M	
25	Sep.	Tu	
26	2	W	
27	3	Tu	
28	4	FRI	
29	5	S	Janamashtami.
30	6	Sun	

ABAN 1340 F.—SEPTEMBER 1931 A.D.

Abn.	Sep.	Days	
1	7	M	Translation Bureau founded, 18th Ziqada 1335 H., 1326 F.—1917.
2	8	Tu	
3	9	W	
4	10	Th	
5	11	FRI	
6	12	S	
7	13	Sun	
8	14	M	
9	15	Tu	*Ganesh Chauth.*
10	16	W	
11	17	Th	
12	18	FRI	
13	19	S	
14	20	Sun	
15	21	M	
16	22	Tu	The Royal Charter of the Osmania University Promulgated, 16th Zilhejja 1336 H., 1327 F.—1918.
17	23	W	
18	24	Th	
19	25	FRI	*Anantachaturdasi.*
20	26	S	
21	27	Sun	*Lunar Eclipse*
22	28	M	
23	29	Tu	
24	30	W	
25	Oct.	Th	
26	2	FRI	
27	3	S	
28	4	Sun	
29	5	M	
30	6	Tu	

AZUR 1341 F.—OCTOBER 1931 A.D.

Az.	Oct.	Days	
1	7	W	
2	8	Th	Osmania University Established, 1st Muharram 1337 H., 1328 F.—1918.
3	9	FRI	
4	10	S	
5	11	Sun	
6	12	M	
7	13	Tu	
8	14	W	
9	15	Th	
10	16	FRI	
11	17	S	
12	18	Sun	
13	19	M	} *Dasehra.*
14	20	Tu	
15	21	W	
16	22	Th	
17	23	FRI	
18	24	S	
19	25	Sun	
20	26	M	
21	27	Tu	
22	28	W	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam, 1333 F.—1923.
23	29	Th	
24	30	FRI	
25	31	S	
26	Nov	Sun	
27	2	M	
28	3	Tu	*Fateha Hazrat Abu Bakar Siddiq.*
29	4	W	
30	5	Th	

DAI 1341 F.—NOVEMBER 1931 A.D.

Dai	Nov.	Days	
1	6	FRI	
2	7	S	
3	8	Sun	
4	9	M	⎫ *Devali.*
5	10	Tu	⎭
6	11	W	
7	12	Th	H.E.H. the Nizam's Birthday. The Osmania University Regulations received the assent of His Exalted Highness, 29th Safar 1889 H., 1330 F.—1920.
8	13	FRI	
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	*Urus Hazrat Khwaja Muinuddin Chishti.*
13	18	W	
14	19	Th	
15	20	FRI	
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	
20	25	W	
21	26	Th	
22	27	FRI	
23	28	S	⎫ *Maula Ali Urus.*
24	29	Sun	⎭
25	30	M	
26	Dec.	Tu	
27	2	W	
28	3	Th	
29	4	FRI	

BAHMAN 1341 F.—DECEMBER 1931 A.D.

Bah.	Dec.	Days	
1	5	S	
2	6	Sun	
3	7	M	⎫ *Shab-i-Miraj.*
4	8	Tu	⎭
5	9	W	
6	10	Th	*Independence Day.*
7	11	FRI	
8	12	S	
9	13	Sun	
10	14	M	
11	15	Tu	
12	16	W	
13	17	Th	
14	18	FRI	
15	19	S	
16	20	Sun	
17	21	M	
18	22	Tu	
19	23	W	
20	24	Th	⎫ *Shab-i-Barat*
21	25	FRI	⎭ *Christmas*
22	26	S	
23	27	Sun	
24	28	M	
25	29	Tu	
26	30	W	*Urus Hazrat Baba Sharfuddin Aulia.*
27	31	Th	
28	Jan.	FRI	*New Year's Day.*
29	2	S	
30	3	Sun	

ISFANDAR 1341 F.--JANUARY 1932 A.D.

Isf.	Jan.	Days	
1	4	M	
2	5	Tu	
3	6	W	
4	7	Th	
5	8	FRI	
6	9	S	
7	10	Sun	
8	11	M	
9	12	Tu	
10	13	W	*Anniversary of H.H. the late Nizam.*
11	14	Th	Til Sankarat.
12	15	FRI	
13	16	S	*H.E.H. the Nizam ascended the throne.*
14	17	Sun	
15	18	M	
16	19	Tu	
17	20	W	
18	21	Th	
19	22	FRI	
20	23	S	
21	24	Sun	
22	25	M	
23	26	Tu	
24	27	W	
25	28	Th	Last day for receiving applications for the Matriculation Examination (Pupil and Private candidates) and also for the Inter. B. A. and other Examinations (Private candidates).
26	29	FRI	*Fateha Hazrat Ali.*
27	30	S	
28	31	Sun	
29	Feb.	M	
30	2	Tu	

FARWARDI 1341 F.—FEBRUARY 1932 A.D.

Far.	Feb.	Days	
1	3	W	
2	4	Th	
3	5	FRI	
• 4	6	S	*Shab-i-Qadr.*
5	7	Sun	
6	8	M	
7	9	Tu	
8	10	W	*Id-ul-Fitr.*
9	11	Th	*Basant Panchami.*
10	12	FRI	
11	13	S	
12	14	Sun	
13	15	M	
14	16	Tu	
15	17	W	
16	18	Th	
17	19	FRI	
18	20	S	
19	21	Sun	
20	22	M	
21	23	Tu	
22	24	W	
23	25	Th	
24	26	FRI	
25	27	S	Last day for receiving applications etc. for the Intermediate, B.A., M.A., M.Sc., B.E., M.B.B.S. and Diploma-in-Education Examinations (College candidates).
26	28	Sun	
27	29	M	
28	Mar.	Tu	
29	2	W	
80	8	Th	
81	4	FRI	

ARDIBEHISHT 1341 F.—MARCH 1932 A.D.

Ard.	Mar.	Days	
1	5	S	*Maha Sivratri.*
2	6	Sun	
8	7	M	
4	8	Tu	
5	9	W	
6	10	Th	
7	11	FRI	
8	12	S	
9	13	Sun	
10	14	M	
11	15	Tu	
12	16	W	
13	17	Th	
14	18	FRI	
15	19	S	
16	20	Sun	
17	21	M	} *Holi.*
18	22	Tu	
19	23	W	Lunar Eclipse.
20	24	Th	
21	25	FRI	
22	26	S	
23	27	Sun	
24	28	M	
25	29	Tu	
26	80	W	
27	31	Th	
28	Apr.	FRI	
29	2	S	Matriculation, Intermediate, B.A., M.A., M.Sc. B.E., M.B.,B.S. and Diploma-in-Education, Examinations begin.
80	8	Sun	
81	4	M	

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KHURDAD 1341 F.—APRIL 1932 A.D.

Khd.	Apr.	Days	
1	5	Tu	
2	6	W	*Ugadi.*
8	7	Th	
4	8	FRI	
5	9	S	
6	10	Sun	
7	11	M	
8	12	Tu	
9	13	W	
10	14	Th	
11	15	FRI	*Sri Ramnaumi.*
12	16	S	
13	17	Sun	
14	18	M	*Id-uz-Zuha.*
15	19	Tu	
16	20	W	
17	21	Th	
18	22	FRI	
19	23	S	
20	24	Sun	
21	25	M	*Fateha Hazrat Osman Ghani.*
22	26	Tu	
23	27	W	
24	28	Th	
25	29	FRI	
26	30	S	
27	May	Sun	LL.B. Examinations begin.
28	2	M	
29	8	Tu	
80	4	W	
81	5	Th	

TIR 1341 F.—MAY 1932 A.D.

Tir	May	Days	
1	6	FRI	
2	7	S	
3	8	Sun	*Fateha Hazrat Omar.*
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	
8	13	FRI	*Moharram.*
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	
13	18	W	
14	19	Th	
15	20	FRI	
16	21	S	
17	22	Sun	
18	23	M	
19	24	Tu	*Queen Victoria's Birthday, 1819.*
20	25	W	
21	26	Th	
22	27	FRI	
23	28	S	
24	29	Sun	
25	30	M	
26	31	Tu	
27	June	W	
28	2	Th	
29	3	FRI	*H. M. the King Emperor's Birthday, 1865.*
30	4	S	
31	5	Sun	

AMARDAD 1341 F.—JUNE 1932 A.D.

Amd	June	Days
1	6	M
2	7	Tu
3	8	W
4	9	Th
5	10	FRI
6	11	S
7	12	Sun
8	13	M
9	14	Tu
10	15	W
11	16	Th
12	17	FRI
13	18	S
14	19	Sun
15	20	M
16	21	Tu
17	22	W
18	23	Th
19	24	FRI
20	25	S
21	26	Sun
22	27	M
23	28	Tu
24	29	W
25	30	Th
26	July	FRI
27	2	S
28	3	Sun
29	4	M
30	5	Tu
31	6	W

SHAHREWAR 1341 F.—JULY 1932 A.D.

Shr.	July	Days	
1	7	Th	
2	8	FRI	
3	9	S	
4	10	Sun	
5	11	M	
6	12	Tu	
7	13	W	
8	14	Th	
9	15	FRI	
10	16	S	} The Prophet's Birthday.
11	17	Sun	
12	18	M	
13	19	Tu	
14	20	W	
15	21	Th	
16	22	FRI	
17	23	S	
18	24	Sun	
19	25	M	
20	26	Tu	
21	27	W	
22	28	Th	
23	29	FRI	
24	30	S	
25	31	Sun	
26	Aug.	M	
27	2	Tu	
28	3	W	
29	4	Th	
30	5	FRI	
31	6	S	

MEHIR 1341 F.—AUGUST 1932 A.D.

Mhr.	Aug.	Days	
1	7	Sun	
2	8	M	
3	9	Tu	*Birthday of H.H. the late Nizam.*
4	10	W	
5	11	Th	
6	12	FRI	
7	13	S	
8	14	Sun	*Yazdahum Sharif.*
9	15	M	*Rakhi Punnam.*
10	16	Tu	
11	17	W	
12	18	Th	
13	19	FRI	
14	20	S	
15	21	Sun	
16	22	M	
17	23	Tu	*Janamashtami.*
18	24	W	
19	25	Th	
20	26	FRI	
21	27	S	**Osmania University College opened,**
22	28	Sun	**1328 F.—1919.**
23	29	M	
24	30	Tu	
25	31	W	
26	Sep.	Th	
27	2	FRI	
28	3	S	
29	4	Sun	*Ganesh Chauth.*
30	5	M	

ABAN 1341 F.—SEPTEMBER 1932 A.D.

Abn	Sep.	Days	
1	6	Tu	Translation Bureau founded. 18th Ziqada 1335 H., 1326 F.—1917.
2	7	W	
3	8	Th	
4	9	FRI	
5	10	S	
6	11	Sun	
7	12	M	
8	13	Tu	*Anantachaturdasi.*
9	14	W	
10	15	Th	*Lunar Eclipse.*
11	16	FRI	
12	17	S	
13	18	Sun	
14	19	M	
15	20	Tu	
16	21	W	The Royal Charter of the Osmania University promulgated. 16th Zilhejja 1336 H., 1327 F.—1918.
17	22	Th	
18	23	FRI	
19	24	S	
20	25	Sun	
21	26	M	
22	27	Tu	
23	28	W	
24	29	Th	
25	30	FRI	
26	Oct.	S	
27	2	Sun	
28	3	M	
29	4	Tu	
30	5	W	

AZUR 1342 F.—OCTOBER 1932 A.D.

Az.	Oct.	Days	New Year.
1	6	Th	
2	7	FRI	Osmania University Established, 1st Muharram 1337 H., 1328 F.—1918.
3	8	S	⎫ *Dasehra.*
4	9	Sun	⎭
5	10	M	
6	11	Tu	
7	12	W	
8	13	Th	
9	14	FRI	
10	15	S	
11	16	Sun	
12	17	M	
13	18	Tu	
14	19	W	
15	20	Th	
16	21	FRI	
17	22	S	
18	23	Sun	*Fateha Hazrat Abu Bakar Siddiq.*
19	24	M	
20	25	Tu	
21	26	W	
22	27	Th	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1923.
23	28	FRI	
24	29	S	⎫ *Divali.*
25	30	Sun	⎭
26	31	M	H.E.H. the Nizam's Birthday, 1302 H.
27	Nov.	Tu	
28	2	W	
29	3	Th	
30	4	FRI	

DAI 1342 F.—NOVEMBER 1932 A.D.

Dai	Nov.	Days	
1	5	S	*Urus Hazrat Khawja Muinuddin Chishti.*
2	6	Sun	*Last day for receiving applications from the*
3	7	M	*candidates for the First Professional (M.B.,B.S.)*
4	8	Tu	*Examination.*
5	9	W	
6	10	Th	
7	11	FRI	The Osmania University Regulations received the assent of His Exalted Highness, 29th Safar 1339 H., 1330 F. 1920.
8	12	S	Princes' Marriage.
9	13	Sun	
10	14	M	
11	15	Tu	
12	16	W	⎤ *Maula Ali Urus.*
13	17	Th	⎦
14	18	FRI	
15	19	S	
16	20	Sun	
17	21	M	
18	22	Tu	
19	23	W	
20	24	Th	
21	25	FRI	⎤ *Shab-i-Miraj.*
22	26	S	⎦
23	27	Sun	
24	28	M	*Independence Day.*
25	29	Tu	
26	30	W	
27	Dec.	Th	
28	2	FRI	
29	3	S	*First Professional Examination M.B.,B.S.begins.*

BAHMAN 1342 F.—DECEMBER 1932 A.D.

Bah.	Dec.	Days	
1	4	Sun	
2	5	M	
3	6	Tu	
4	7	W	
5	8	Th	
6	9	FRI	
7	10	S	
8	11	Sun	
9	12	M	
10	13	Tu	
11	14	W	} *Shabe-Barat.*
12	15	Th	
13	16	F rI	
14	17	S	
15	18	Sun	
16	19	M	*Urus Baba Sharfuddin Aulia.*
17	20	Tu	
18	21	W	
19	22	Th	
20	23	FRI	
21	24	S	
22	25	Sun	*Christmas Day.*
23	26	M	
24	27	Tu	
25	28	W	
26	29	Th	
27	30	FRI	
28	31	S	
29	Jan.	Sun	*New Year's Day. Anniversary of late H. H. the Nizam.*
30	2	M	

ISFANDAR 1342 F. --JANUARY 1933 A.D.

Isf.	Jan.	Days	
1	3	Tu	
2	4	W	*H.E.H. the Nizam Ascended the throne.*
3	5	Th	
4	6	FRI	
5	7	S	
6	8	Sun	
7	9	M	
8	10	Tu	
9	11	W	
10	12	Th	
11	13	FRI	
12	14	S	*Til Sankarat.*
13	15	Sun	
14	16	M	
15	17	Tu	*Fateha Hazrat Ali.*
16	18	W	
17	19	Th	
18	20	FRI	
19	21	S	
20	22	Sun	
21	23	M	
22	24	Tu	⎫
23	25	W	⎬ *Shab-i-Qadr.*
24	26	Th	⎪
25	27	FRI	⎭
26	28	S	⎫
27	29	Sun	⎬ *Id-ul- Fitr.*
28	30	M	*Basant Panchami.*
29	31	Tu	⎪
30	Feb.	W	⎭

FARWARDI 1342 F.—FEBRUARY 1933 A.D.

Far.	Feb.	Days	
1	2	Th	
2	3	FRI	
3	4	S	
4	5	Sun	*Last day for receiving applications from the Matriculation candidates, and Private candidates for the Inter, B. A. and other Examinations.*
5	6	M	
6	7	Tu	
7	8	W	
8	9	Th	
9	10	FRI	
10	11	S	
11	12	Sun	
12	13	M	
13	14	Tu	
14	15	W	
15	16	Th	
16	17	FRI	
17	18	S	
18	19	Sun	
19	20	M	
20	21	Tu	
21	22	W	*Maha Sivratri.*
22	23	Th	
23	24	FRI	
24	25	S	
25	26	Sun	
26	27	M	
27	28	Tu	
28	Mar.	W	
29	2	Th	
30	3	FRI	
31	4	S	*Last day for receiving applications from the college candidates for the Intermediate, B. A., M. A., M. Sc., LL. B , Diploma in Education and 2nd 3rd & 4th Professional (M.B.,B.S.) Examinations*

ARDIBEHISHT 1342 F.—MARCH 1933 A.D.

Ard.	Mar.	Days	
1	5	Sun	
2	6	M	
3	7	Tu	
4	8	W	
5	9	Th	
6	10	FRI	
7	11	S	} *Holi.*
8	12	Sun	
9	13	M	
10	14	Tu	
11	15	W	
12	16	Th	
13	17	FRI	
14	18	S	
15	19	Sun	
16	20	M	
17	21	Tu	
18	22	W	
19	23	Th	
20	24	FRI	
21	25	S	
22	26	Sun	
23	27	M	*Ugadi.*
24	28	Tu	*Practical Examinations B.A. and M. Sc. begin.*
25	29	W	
26	30	Th	
27	31	FRI	
28	Apr.	S	
29	2	Sun	
30	3	M	
31	4	Tu	*Sri Ramnaumi.*

KHURDAD 1342 F.—APRIL 1933 A.D.

Khd	Apr.	Days	
1	5	W	⎫
2	6	Th	⎬ Id-uz-Zoha.
•3	7	FRI	⎪
4	8	S	⎪
5	9	Sun	⎭
6	10	M	University Examinations begin.
7	11	Tu	
8	12	W	
9	13	Th	
10	14	FRI	Fateha Hazrat Osman Ghani.
11	15	S	
12	16	Sun	
13	17	M	
14	18	Tu	
15	19	W	
16	20	Th	
17	21	FRI	
18	22	S	
19	23	Sun	
20	24	M	
21	25	Tu	
22	26	W	
23	27	Th	⎫ Fateha Hazrat Omar Faruq.
24	28	FRI	⎪
25	29	S	
26	30	Sun	
27	May	M	⎬ Moharram.
28	2	Tu	
29	3	W	
30	4	Th	
31	5	FRI	⎭

TIR 1342 F. MAY 1933 A.D.

Tir	May	Days	
1	6	S	}*Muharram.*
2	7	Sun	
3	8	M	
4	9	Tu	
5	10	W	
6	11	Th	
7	12	FRI	
8	13	S	
9	14	Sun	
10	15	M	
11	16	Tu	
12	17	W	
13	18	Th	
14	19	FRI	
15	20	S	
16	21	Sun	
17	22	M	
18	23	Tu	
19	24	W	*Queen Victoria's Birthday,* 1819.
20	25	Th	
21	26	FRI	
22	27	S	
23	28	Sun	
24	29	M	
25	30	Tu	
26	31	W	
27	June	Th	
28	2	FRI	
29	3	S	*H. M. the King Emperor's Birthday* 1865.
30	4	Sun	
31	5	M	

AMARDAD 1342 F.—JUNE 1933 A.D.

Amd	June	Days	
1	6	Tu	
2	7	W	
3	8	Th	
4	9	FRI	
5	10	S	
6	11	Sun	
7	12	M	
8	13	Tu	
9	14	W	*Arbayeen.*
10	15	Th	
11	16	FRI	
12	17	S	
13	18	Sun	
14	19	M	
15	20	Tu	
16	21	W	*Last Wednesday.*
17	22	Th	
18	23	FRI	
19	24	S	
20	25	Sun	
21	26	M	
22	27	Tu	
23	28	W	
24	29	Th	
25	30	FRI	
26	July	S	
27	2	Sun	
28	3	M	
29	4	Tu	
30	5	W	} The Prophet's Birthday.
31	6	Th	

SHAHREWAR 1342 F.—JULY 1933 A.D.

Shr.	July	Days	
1	7	FRI	
2	8	S	
3	9	Sun	
4	10	M	
5	11	Tu	
6	12	W	
7	13	Th	
8	14	FRI	
9	15	S	
10	16	Sun	
11	17	M	
12	18	Tu	
13	19	W	
14	20	Th	
15	21	FRI	
16	22	S	
17	23	Sun	
18	24	M	
19	25	Tu	
20	26	W	
21	27	Th	
22	28	FRI	
23	29	S	
24	30	Sun	*Birthday of H. H. the late Nizam 1283 H.*
25	31	M	
26	Aug.	Tu	
27	2	W	
28	3	Th	
29	4	FRI	*Yazdahum Sharif.*
30	5	S	*Rakhi Punnam.*
31	6	Sun	

3*

MEHIR 1342 F.—AUGUST 1933 A.D.

Mhr.	Aug.	Days	
1	7	M	
2	8	Tu	
3	9	W	
4	10	Th	
5	11	FRI	
6	12	S	*Janma Ashtami.*
7	13	Sun	
8	14	M	
9	15	Tu	
10	16	W	
11	17	Th	
12	18	FRI	
13	19	S	
14	20	Sun	
15	21	M	*Solar eclipse.*
16	22	Tu	
17	23	W	
18	24	Th	*Ganesh Chauth.*
19	25	FRI	
20	26	S	
21	27	Sun	**Osmania University College opened,1328F.** **—1919.**
22	28	M	
23	29	Tu	
24	30	W	
25	31	Th	
26	Sep.	FRI	
27	2	S	
28	3	Sun	*Anant Chaturdasi.*
29	4	M	
80	5	Tu	

ABAN 1342 F.—SEPTEMBER 1933 A.D.

Abn.	Sep.	Days	
1	6	W	Translation Bureau Founded, 18th Ziqada 1335 H., 1326 F.—1917.
2	7	Th	
3	8	FRI	
4	9	S	
5	10	Sun	
6	11	M	
7	12	Tu	
8	13	W	
9	14	Th	
10	15	FRI	
11	16	S	
12	17	Sun	
13	18	M	
14	19	Tu	
15	20	W	
16	21	Th	The Royal Charter of the Osmania University promulgated, 16th Zilhejja 1336 H., 1327 F.—1918.
17	22	FRI	
18	23	S	
19	24	Sun	
20	25	M	
21	26	Tu	
22	27	W	Dasehra.
23	28	Th	
24	29	FRI	
25	30	S	
26	Oct.	Sun	
27	2	M	
28	3	Tu	
29	4	W	
30	5	Th	

AZUR 1343 F.—OCTOBER 1933 A.D.

Az.	Oct.	Days	
1	6	FRI	*New Year.*
2	7	S	
3	8	Sun	
4	9	M	
5	10	Tu	
6	11	W	
7	12	Th	
8	13	FRI	*Fateha Hazrat Abu Bakar Siddiq.*
9	14	S	
10	15	Sun	
11	16	M	
12	17	Tu	
13	18	W	*Divali.*
14	19	Th	
15	20	FRI	
16	21	S	**H. E. H. the Nizam's Birthday.**
17	22	Sun	
18	23	M	
19	24	Tu	
20	25	W	
21	26	Th	*Urus Hazrat Khwaja Moinuddin Chishti.*
22	27	FRI	**The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1923 A.D.**
23	28	S	
24	29	Sun	
25	30	M	
26	31	Tu	
27	Nov.	W	
28	2	Th	
29	3	FRI	
30	4	S	

DAI 1343 F.--NOVEMBER 1933 A.D.

Dai	Nov.	Days	
1	5	Sun	
2	6	M	} *Urus Maula Ali.*
3	7	Tu	
4	8	W	
5	9	Th	
6	10	FRI	
7	11	S	The Osmania University Regulations received the assent of His Exalted Highness, 29th Safar 1339 H. --1330 F. 1920 A.D.
8	12	Sun	*Princes' Marriage.*
9	13	M	
10	14	Tu	
11	15	W	} *Shab-i-Miraj.*
12	16	Th	
13	17	FRI	
14	18	S	*Independence Day.*
15	19	Sun	
16	20	M	
17	21	Tu	
18	22	W	
19	23	Th	
20	24	FRI	
21	25	S	
22	26	Sun	
23	27	M	
24	28	Tu	
25	29	W	
26	30	Th	
27	Dec.	FRI	
28	2	S	First Professional M.B.,B.S. Exam. begins.
29	3	Sun	*Shab-i-Barat.*

BAHMAN 1343 F.—DECEMBER 1933 A.D.

Bah.	Dec.	Days	
1	4	M	*Shab-i-Barat.*
2	5	Tu	
3	6	W	
4	7	Th	
5	8	FRI	
6	9	S	*Urus Hazrat Baba Sharfuddin.*
7	10	Sun	
8	11	M	
9	12	Tu	
10	13	W	
11	14	Th	
12	15	FRI	
13	16	S	
14	17	Sun	
15	18	M	
16	19	Tu	
17	20	W	
18	21	Th	
19	22	FRI	*Anniversary of the late H. H. the Nizam.*
20	23	S	
21	24	Sun	
22	25	M	*H. E. H. the Nizam ascended the throne.*
23	26	Tu	
24	27	W	
25	28	Th	
26	29	FRI	
27	30	S	
28	31	Sun	
29	Jan.	M	*New Year.*
30	2	Tu	

ISFANDAR 1343 F.—JANUARY 1934 A.D.

Isf.	Jan.	Days	
1	3	W	
2	4	Th	
3	5	FRI	
4	6	S	
5	7	Sun	*Fateha Hazrat Ali.*
6	8	M	
7	9	Tu	
8	10	W	
9	11	Th	
10	12	FRI	
11	13	S	
12	14	Sun	*Til Sankarat.*
13	15	M	*Shabi Qadr.*
14	16	Tu	
15	17	W	
16	18	Th	
17	19	FRI	*Id-ul-Fitr.*
18	20	S	*Basant Panchami.*
19	21	Sun	
20	22	M	
21	23	Tu	
22	24	W	
23	25	Th	
24	26	FRI	
25	27	S	
26	28	Sun	
27	29	M	
28	30	Tu	
29	31	W	*Lunar Eclipse.*
30	Feb.	Th	

FARWARDI 1343 F.--FEBRUARY 1934 A.D.

Far.	Feb.	Days	
1	2	FRI	
2	3	S	
3	4	Sun	
4	5	M	
5	6	Tu	
6	7	W	
7	8	Th	
8	9	FRI	
9	10	S	
10	11	Sun	
11	12	M	*Maha Shivratri.*
12	13	Tu	
13	14	W	
14	15	Th	
15	16	FRI	
16	17	S	
17	18	Sun	
18	19	M	
19	20	Tu	
20	21	W	
21	22	Th	
22	23	FRI	
23	24	S	
24	25	Sun	
25	26	M	
26	27	Tu	
27	28	W	} *Holi.*
28	Mar.	Th	
29	2	FRI	
30	3	S	
31	4	Sun	

ARDIBEHISHT 1343 F.—MARCH 1934 A.D.

Ard.	Mar.	Days	
1	5	M	
2	6	Tu	
3	7	W	
4	8	Th	
5	9	FRI	
6	10	S	
7	11	Sun	
8	12	M	
9	13	Tu	
10	14	W	
11	15	Th	
12	16	FRI	*Ugadi.*
13	17	S	Inter. B.A., B.Sc., etc. Exams. begin (Practical).
14	18	Sun	
15	19	M	
16	20	Tu	
17	21	W	
18	22	Th	
19	23	FRI	
20	24	S	*Sri Ramnaumi.*
21	25	Sun	⎫
22	26	M	⎪
23	27	Tu	⎬ *Id-uz-Zoha.*
24	28	W	⎪
25	29	Th	⎭
26	30	FRI	
27	31	S	Inter. B.A., B.Sc., LL.B., etc. Exams. begin.
28	Apr.	Sun	
29	2	M	
30	3	Tu	*Fateha Hazrat Osman Ghani.*
31	4	W	

KHURDAD 1343 F.—APRIL 1934 A.D.

Khd	Apr.	Days	
1	5	Th	
2	6	FRI	
3	7	S	
4	8	Sun	Matriculation Exam. begins.
5	9	M	
6	10	Tu	
7	11	W	
8	12	Th	
9	13	FRI	
10	14	S	
11	15	Sun	
12	16	M	⎤ *Fateha Hazrat Omar.*
13	17	Tu	
14	18	W	
15	19	Th	
16	20	FRI	
17	21	S	⎬ *Moharrum.*
18	22	Sun	
19	23	M	
20	24	Tu	
21	25	W	
22	26	Th	
23	27	FRI	⎦
24	28	S	
25	29	Sun	
26	30	M	
27	May	Tu	
28	2	W	
29	3	Th	
30	4	FRI	
31	5	S	

TIR 1343 F.—MAY 1934 A.D.

Tir	May	Days	
1	6	Sun	
2	7	M	
3	8	Tu	
4	9	W	
5	10	Th	
6	11	FRI	
7	12	S	
8	13	Sun	
9	14	M	*Restoration of the Residency area.*
10	15	Tu	
11	16	W	
12	17	Th	
13	18	FRI	
14	19	S	
15	20	Sun	
16	21	M	
17	22	Tu	
18	23	W	
19	24	Th	*Queen Victoria's Birthday.*
20	25	FRI	
21	26	S	
22	27	Sun	
23	28	M	
24	29	Tu	
25	30	W	
26	31	Th	
27	June	FRI	
28	2	S	
29	3	Sun	*Arbayeen.*
30	4	M	
31	5	Tu	

AMARDAD 1343 F.—JUNE 1934 A.D.

Am.	Jun.	Days	
1	6	W	
•2	7	Th	
3	8	FRI	
4	9	S	
5	10	Sun	
6	11	M	
7	12	Tu	
8	13	W	*Last Wednesday.*
9	14	Th	
10	15	FRI	
11	16	S	
12	17	Sun	
13	18	M	
14	19	Tu	
15	20	W	
16	21	Th	
17	22	FRI	
18	23	S	
19	24	Sun	The Prophet's Birthday.
20	25	M	
21	26	Tu	
22	27	W	
23	28	Th	
24	29	FRI	
25	30	S	
26	July	Sun	
27	2	M	
28	3	Tu	
29	4	W	
30	5	Th	
31	6	FRI	

SHAHREWAR 1343 F.—JULY 1934 A.D.

Shr	July	Days	
1	7	S	
2	8	Sun	
3	9	M	
4	10	Tu	
5	11	W	
6	12	Th	
7	13	FRI	
8	14	S	
9	15	Sun	
10	16	M	
11	17	Tu	
12	18	W	
13	19	Th	*Birthday of H. H. the late Nizam.*
14	20	FRI	
15	21	S	
16	22	Sun	
17	23	M	
18	24	Tu	*Yazdahum Sharif.*
19	25	W	
20	26	Th	*Lunar Eclipse.*
21	27	FRI	
22	28	S	
23	29	Sun	
24	30	M	
25	31	Tu	
26	Aug.	W	
27	2	Th	
28	3	FRI	
29	4	S	
30	5	Sun	
31	6	M	

MEHIR 1343 F.—AUGUST 1934 A.D.

Mhr.	Aug.	Days	
1	7	Tu	
2	8	W	
3	9	Th	
4	10	FRI	
5	11	S	
6	12	Sun	
7	13	M	
8	14	Tu	
9	15	W	
10	16	Th	
11	17	FRI	
12	18	S	
13	19	Sun	
14	20	M	
15	21	Tu	
16	22	W	
17	23	Th	
18	24	FRI	*Rakhi Punam.*
19	25	S	
20	26	Sun	
21	27	M	Osmania University College opened 1328 F. 1919 A.D.
22	28	Tu	
23	29	W	
24	30	Th	
25	31	FRI	*Janma Ashtami.*
26	Sep	S	
27	2	Sun	
28	3	M	
29	4	Tu	
30	5	W	

ABAN 1343 F. –SEPTEMBER 1934 A.D.

Ab.	Sep.	Days	
1	6	Th	Translation Bureau founded 18th Ziqada 1335H.— 1326 F.—1917.
2	7	FRI	
3	8	S	
4	9	Sun	
5	10	M	
6	11	Tu	
7	12	W	*Ganesh Chauth.*
8	13	Th	
9	14	FRI	
10	15	S	
11	16	Sun	
12	17	M	
13	18	Tu	
14	19	W	
15	20	Th	
16	21	FRI	The Royal Charter of the Osmania University promulgated, 16th Zilhejja 1336 H.-1327 F.—1918 A.D.
17	22	S	*Anantachaturdasi.*
18	23	Sun	
19	24	M	
20	25	Tu	
21	26	W	
22	27	Th	
23	28	FRI	
24	29	S	
25	30	Sun	
26	Oct.	M	
27	2	Tu	*Fateha Hazrat Abu Bakar Siddiq.*
28	3	W	
29	4	Th	
30	5	FRI	

2. INTRODUCTION

⚫ THE Osmania University has come into existence in response
to a wide-spread demand in the Dominions for a type of higher
education calculated to satisfy the intellectual and cultural
aspirations of the people and having its foundations deep in
the national consciousness. For over half a century higher
education in the State was controlled by the Madras University ;
but the connection proved so unfructuous that enlightened public
opinion in the State became averse to its   continuation and
proposals were mooted from time to time   either to affiliate
educational institutions in the State to another University or
better still to have an entirely self-contained system of higher
education.   These proposals continued to be discussed for a long
time without taking a definite shape until the accession of the
present ruler of the State, whose reign has been the starting-
point of an era of unprecedented educational progress.   Early
in his reign an Educational Adviser was appointed to report on
the improvements to be effected in the educational organization
of the State and on his advice the whole system of Primary
and Secondary education was overhauled, the number of schools
was largely increased and all institutions were provided with
better teachers and equipment.   The question of higher educa-
tion was then taken up and early in 1917 when Sir Akbar Hydari
(Nawab Hydar Nawaz Jung Bahadur), Secretary to His Exalted
Highness' Government in Educational Department, submitted
a memorandum to His Exalted Highness in which after survey-
ing the existing educational conditions and discussing the dis-
advantages of imparting knowledge through the medium of a
foreign language he recommended that considering the peculiar
needs and conditions of the State :--

   " We require a new University free from the evils inherent
      in the present system and calculated to undo its deplorable
      effects.   The University so founded shall be based on the
      fundamental principles of education, and shall take into
      consideration the peculiar needs of the people and their
      national characteristics.   It shall preserve all that is best
      in the present and ancient systems of education.   It
      should be both an examining and teaching body and in
      addition to this undertake to compile and translate books,

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using the Urdu language both for the imparting of knowledge and the training of the intellect."

In the course of this memorandum, Sir A. Hydari pointed out the inherent defects of the present system of education through the medium of a foreign language, such as the undue and unwarranted strain on the students' memory, the time wasted in mastering the intricacies of a foreign language at the sacrifice of the subject-matter taught, the stifling of originality and the inability of the graduates to impart knowledge to their fellow countrymen in their mother-tongue and the unbridgeable gulf thus created between the educated classes and the mass of the general public. He also referred to the two possible objections that might be urged against the selection of Urdu as the medium of instruction in the proposed University, firstly that the majority of the people spoke other languages and secondly the absence of good books in Urdu. As to the first it was pointed out that although it was true that those whose mother-tongue is Urdu are in a minority, yet Urdu is the cultural and official language of the State and of polite society, and is generally spoken by those classes from which students proceeding to a college course are drawn. Sir Akbar Hydari met the second objection by stating that if a Bureau of compilation and translation were attached to the University, books required for College Classes could be produced in a short time. His opinion has proved to be well-founded as the Bureau of Translation has, during this short period, produced almost all the books required as text-books for the Intermediate and the B.A. Classes and is at present engaged in the translation of books on Law, Medicine, Engineering and those required for M.A. & M.Sc. Classes. The capacity of Urdu as the vehicle for expressing scientific ideas is generally recognised. The well-known historian, Mr. Vincent A. Smith, bears testimony to this fact in the last chapter of his *History of India*. While welcoming the inauguration of the Osmania University, he says :—

"The Urdu language which resembles English in simplicity and flexibility of its syntax and in the extraordinary wealth of its vocabulary drawn from Western Hindi, Sanskrit, Persian, Arabic, English and other sources should be capable of expressing ideas on any subject, literary, philosophical and scientific."

His Exalted Highness, whose deep and abiding interest in the advancement of education is well known, was graciously pleased to approve of the proposal and has ever since shown the greatest interest in the progress of the movement, which but for his princely generosity and sympathetic guidance could not have made any headway. The words of his gracious *Farman* dated the 4th Rajjab 1335 H. (Khurdad 1326 F.—April 1917) are well worth reproduction :—

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" I am pleased to express my approval of the views set forth in the Arzdasht and the memorandum submitted therewith, regarding the inauguration of a University in the State, in which the knowledge and culture of ancient and modern times may be blended so harmoniously as to remove the defects created by the present system of education and full advantage may be taken of all that is best in the ancient and modern systems of physical, intellectual, and spiritual culture. In addition to its primary object to diffuse knowledge, it should aim at the moral training of the students and give an impetus to research in all scientific subjects. The fundamental principle in the working of the University should be that Urdu should form the medium of higher education but that a knowledge of English as a language should at the same time be deemed compulsory for all students. With this object in view I am pleased to order that steps be taken for the inauguration on the lines laid down in the Arzdasht, of a University for the Dominions, to be called the Osmania University of Hyderabad in commemoration of my accession to the throne."

In pursuance of the august commands of His Exalted Highness, the Educational Department at once proceeded with the preliminary spade-work necessary for the launching of this great project. Representative Committees were formed to consider courses of studies for the Faculties of Arts and Theology of the proposed University, and the draft curricula prepared by these Committees were circulated widely in educational circles in England and in India with the result that the promoters of the University had the satisfaction of seeing that their conclusions were more or less approved of by eminent educational authorities.

The main features of these curricula are that in the Matriculation, the students can have a good grounding in the subjects which they will study at College. In the Intermediate Examination, a greater latitude has been given in the selection of subjects than in other Indian Universities, whilst at the same time the subjects have been so grouped as to enable a student to take up more or less cognate and applied subjects. This division of subjects into distinctive groups makes intensive study possible in the B.A. Classes since, besides English and Theology or Morals which are compulsory, a student can take up only one particular subject in which he can specialise and later carry on research work. It may also be noted that Theology or Morals is compulsory throughout the College course.

The standard of compulsory English is the same as in other Universities, which enables the *alumni* of the Osmania University

to keep in touch with the currents of thought in the English-speaking world and prevents them from being confined to the publications of the University. They are also encouraged by the staff to consult English books on the various subjects from which questions are set to them to criticise and to explain. English is taught only as a language, so that the students may be able to speak and write it with ease and accuracy and to appreciate all that is best in modern English Literature.

The first constructive work of the University was the establishment of a Bureau of Translation with a staff of eight qualified translators under the direction of a noted scholar and writer. The Bureau has been very successful in its work considering the immense difficulties in the way, specially in the coming of scientific terms for which expert committees are constantly at work and have devised a terminology for a number of sciences. It was in the beginning a temporary institution; but in view of its importance to the work of the University, His Exalted Highness was pleased to extend its term of life for ten years and the question of making it a permanent institution in view of the importance of its work is now before the government. The work attempted by the Bureau embraces the whole range of University studies including History (Eastern and Western,) (Ancient and Modern), Philosophy, Economics, Sociology. Mathematics (Pure and Applied). Physics, Chemistry, Law, Botany and Zoology, Engineering. Pedagogics and Medicine. The books translated by the Bureau were printed at the Government Central Press where a special staff was retained for University work; but as it was situated at a considerable distance from the University building it was subsequently transferred to the Bureau. The Dairat-ul-Maarif (Oriental Publication Bureau) which publishes rare Arabic books not available in print has recently been placed under the control of the University. The services rendered by this institution to the cause of Arabic learning have been universally recognised not only in Islamic countries but also by European Orientalists.

Under the Charter, the constitution of the University, which has been framed to suit local conditions of official and public life, differs in some respects from that of the older Indian Universities. Academic and administrative functions are vested in distinct bodies specially constituted for these purposes. With this object the Faculties have been so constituted as to perform academic functions, which in many Indian Universities are performed by the Syndicate. The number of fellows appointed to the Faculties is restricted, so that all members of the Senate do not necessarily belong to one or other of the Faculties, which consist mainly of the professorial staff, who have a preponderating voice in academic matters. The Syndicate is on the other hand a business and not an academic Committee of the Senate.

The Executive Government of the University including the general supervision and control of the colleges is vested in the Council, which is the highest governing body of the University and practically performs most of the functions of Government in British Indian Universities.

The Osmania University College which is at present the only constituent college of the University was opened in August 1919. The enrolment in the various classes has been most encouraging and the College has now nearly 563 students on its rolls. The first Interne liate Examintion was held in April 1921, and the first B. A. Examination in 1923. As there is more than one paper in every subject it has been found possible to have external examiners in all subjects, who are generally professors in other Universities. They have expressed satisfaction with the standard reached by the students. It may be noted that the University does not experience any difficulty in securing the services of highly qualified examiners from other Universities, as Urdu is a language widely known in every part of India specially in the North.

A staff of three Professors and ten Assistant Professors was originally sanctioned to meet the requirements of an Intermediate College. but in view of the opening of the B. A. and subsequently the M. A., M.Sc. and LL.B. classes a number of new appointments have been created and the sanctioned staff of the Osmania University College now consists of the following :—

1	Principal	..		Rs.	1,250–50–1,500
19	Professors	..		.,	500–50–1,000
1	Professor	..	B.G.	.,	1,500
2	Professors	..		,,	600–800
30	Do	..		,,	350–25–600
18	Do	..		.,	250–15–400
6	Demonstrators	..		.,	250–15–400
1	Librarian	..		.,	250–15–400

The College is at present housed in eight large and commodious buildings situated in a healthy quarter of the city ; but the authorities are not satisfied with the present conditions under which there is little scope for expansion. An extensive plot of land about 1,400 acres in area has been approved of by His Exalted Highness for the University buildings. His Exalted Highness' Government are prepared to make the buildings worthy of the name of its illustrious founder, and for this purpose a sum of nearly a crore of rupees is proposed to be spent.

The University started with provision for instruction in Theology, Arts and Science but to furnish opportunities for professional training to its graduates and undergraduates a Law Class was opened in August 1923. The translation of Engineer-

ing and Medical books has been taken in hand. The first year M.B., B.S. Class of the University College of Medicine was opened in July 1927 and the College of Engineering and the Teachers' Training College in 1929.

The increasing number of students in the Intermediate classes in the University College has led to the opening of Intermediate colleges in the City High School Hyderabad and at Aurangabad, Warangal and Gulbargah. Intermediate classes were also attached to the Zenana School, Nampalli. Degree courses have now been introduced into this institution, so as to bring the blessings of higher education within the reach of pardah ladies.

The budget provision for the various Departments of the University for the year 1343 Fasli (October 1933 to October 1934) is as follows :—

	Rs.
Registrar's Office	1,21,657
Osmania University College	7,56,929
Women's College	33,900
Medical College	1,86,086
Training College	25,960
Engineering College	2,50,005
City Intermediate College	59,715
Aurangabad Intermediate College	53,826
Warangal Intermediate College	33,560
Gulbargah Intermediate College	34,496
Translation Bureau	2,61,415
University Press	1,50,102
Nizamiah Observatory	36,164
Pensions	1,35,248
Reserved	29,815
Savings	7,31,731
Grants-in-Aid	7,657
Total	**29,08,176**

3 THE OSMANIA UNIVERSITY

Patron
HIS EXALTED HIGHNESS
LIEUTENANT-GENERAL, SIPAH SALAR, ASIFJAH,
MUZAFFAR-UL-MULK WAL MAMALIK,
NIZAM-UL-MULK, NIZAM-UD-DAULAH,
NAWAB SIR MIR OSMAN ALI KHAN BAHADUR,
FATEH JUNG,
FAITHFUL ALLY OF THE BRITISH GOVERNMENT,
G.C.S.I., G.B.E., NIZAM OF HYDERABAD,
SULTAN-UL-ULUM.

Chancellor
MAHARAJA SIR KISHAN PERSHAD BAHADUR, YAMIN-US-SALTANAT
G.C.I.E.

Vice-Chancellor
NAWAB WALI-UD-DAULAH BAHADUR.

University Council
Ex-Officio.

The Chancellor
The Vice-Chancellor
The Ecclesiastical Member, Executive Council (Nawab Lutf-ud-Daulah Bahadur).
The Finance Member, Executive Council (Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur, B.A., LL.D.).
The Secretary, Educational Department (Nawab Zulqadar Jung Bahadur). M. A. (Cantab.) Bar-at-Law).
The Director of Public Instruction (Khan Fazl Muhammad Khan Esq., M.A., (Cantab.).
The Principal, Osmania University College (Muhammad Abdul Rahman Khan Esq., B.A., B. SC. (London),
The Principal, Medical College [Lt.-Col. Farhat Ali, B.A., M.B. ch.B. (Edin.)].
The President, Engineering College (Nawab Ali Nawaz Jung Bahadur, F. C. H.).
The Principal, Women's College [Miss A. Pope, L.R.A.M., A.R.C.M., (London) M.A., D.Litt. (Allah), S.C.A.A. (Lisb.).

Appointed by Government
Tir 1342 F. to Tir 1345 F.

Lt.-Col. Sir R. H. Chenevix Trench, C.I.E., (Revenue Member, Executive Council).
Nawab Mehdi Yar Jung Bahadur, M.A. (Oxon.).
Director, Medical and Sanitation Departments. (Col. J. Norman Walker, C.I.E. I.M.S.
Nawab Mirza Yar Jung Bahadur, B.A. LL.B., Chief Justice.
Raja Bahadur Pandit Gir Rao.

REGISTRAR

H. A. Ansari, Esq., B.A.

THE SENATE

Members of the University Council.

1. The Chancellor.
2. The Vice-Chancellor.
3. The Ecclesiastical Member, Executive Council (Nawab Lutf-ud-Daulah Bahadur).
4. The Finance Member, Executive Council (Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur, B.A., LL.D.)
5. The Secretary, Educational Department. (Nawab Zulqadar Jung Bahadur M.A. (Cantab) Bar.-at-Law.)
6. The Director of Public Instruction (Khan Fazl Muhammad Khan, Esq., M.A., (Cantab).
7. The Principal Osmania University College (Muhammad Abdul Rahman Khan, Esq., B.A. B.Sc. (London).
8. The Principal, Medical College (Lt.-Col. Farhat Ali, B.A., M.B. ch.B. (Edin).
9. The President, Engineering College (Nawab Ali Nawaz Jung Bahadur, F.C.H.).
10. The Principal,Women's College (Miss A. Pope, L.R.A.M., A.R.C.M (London), M.A., D.Litt. (Allah.), S.C.A.A. (Lisbon).
11. Lt.-Col. Sir R. H. Chenevix Trench, C.I.E.
12. Nawab Mehdi Yar Jung Bahadur, M.A. (Oxon.).
13. Director, Medical and Sanitation Departments. (Col. J. Norman Walker, C.I.E., I.M.S.)
14. Nawab Mirza Yar Jung Bahadur, B.A. LL.B.. Chief Justice.
15. Raja Bahadur Pandit Gir Rao.

UNIVERSITY PROFESSORS.

Osmania University College.

16. Qazi Muhd. Husain, Esq., M.A. (Punjab) B.A. LL.B (Cantab).
17. Mirza Hosain Ali Khan, Esq., B.A. (Oxon.).
18. Haroon Khan Sherwani, Esq.. M.A. (Oxon.) Bar-at-Law.
19. Wahidur Rahman, Esq., B.Sc.
20. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
21. Maulvi Abdul Haq Sahib, B.A.
22. Maulvi Abdul Qadir Sahib.
23. Muhammad Ilyas Burney, Esq., M.A.. LL.B.
24. Kishen Chand, Esq.. M.A., (Cantab.).
25. E. E. Speight, Esq., B.A., (London).
26. Muzaffaruddin Quraishi, Esq., M.Sc., Ph.D., (Berlin).
27. Sayyid Abdul Latif, Esq., B.A., Ph.D., (London).
28. Hosain Ali Mirza, Esq., Bar-at-Law.
29. Abdul Haq, Esq., B.Litt., Ph.D., (Oxon.).
30. Muhammad Nizamuddin, Esq., D.Phil. (Cantab).
31. Sayyid Husain Esq., M.Sc., Ph.D. (London.).
32. T. Virabhadrudu, Esq., M.A., L.T. (Madras).

33. Mir Siyadat Ali Khan, M.A., B.C.L., D.Phil. (Oxon.).
34. Ibne Hasan, Esq.. M.A. (Allah) PH.D. (London).
35. Muhd. Jamilur Rahman Esq., M.A.

Medical College.

36. S. W. Hardikar, Esq., M.D., M.R.C.S. (Edin).
37. Mufti Shah Nawaz. Esq., M.B., B.S.
38. Sayyid Abdul Rahman, Esq., M.B., ch.B. (Edin.).
39. Brij Mohan Lal, Esq., B.A., M.B.B.S., M.SC. (Lond.).

ᕈ *Osmania Engineering College.*

40. M. D. Gadgil Esq., B.A., L.C.E.
41. Samiullah Shah, Esq., B.SC. Hons. (Manchester), A.M.I.C.E., (London).
42. R. K. Nariman, Esq., A.C.H., M.I.C.E., M.I.E., F.R.E.S., F.I.C.S. F.R.G.S.
43. S. P. Raju, Esq., B.A.B.E.

Nominated by Government.
(Tir 1340 F.—Tir 1342).

44. Nawab Sir Amin Jung Bahadur, M.A.,B.L., LL.D., K.C.S.I., C.S.I.
45. Nawab Sir Nizamat Jung Bahadur, M.A., B.L. (Oxon.).
46. Nawab Nazir Jung Bahadur.
47. Nawab Siraj Yar Jung Bahadur, M.A., B.C.L., LL.D., Barrister at-Law.
48. Nawab Fakhr Yar Jung Bahadur, B.A.
49. W. J. Prenderghast, Esq., B.Litt.
40. Nawab Hashim Yar Jung Bahadur, M.A., LL.B.
51. Ghulam Yazdani, Esq., M.A.
52. Sayyid Mohiuddin, Esq.. B.A., Bar.-at-Law.
53. Muhammad Azhar Hasan, Esq., B.A.
54. Muhammad Enayatullah, Esq., B.A.
55. Hamid Ahmad Ansari, Esq., B A.
56. Nawab Nazir Yar Jung Bahadur, M.A., LL.D.
57. Sayyid Muhammad Azam, Esq., M.A., B.SC. (Cantab.).
58. Nawab Samad Yar Jung Bahadur. B.A.
59. Rai Baijnath Sahib, M.A., LL.B.
50. Sayyid Muhammad Husain, Esq., B.A., (Oxon.).
61. M. Pickthall. Esq.
62. B. A. Collins, Esq., I.C.S.
63. Nawab Asghar Yar Jung Bahadur, B.A. (Oxon.), Bar-at-Law.
64. Rai Bishesharnath Sahib, B.A., LL.B.
65. Raja Shamraj Bahadur.

(Elected by the Senate from the Faculties).

66. *Vacant*
67. Sajjad Mirza, Esq., M.A., (Cantab.).

(Elected by the Senate from the list of Registered Graduates.)

68. Nawab Fakhr Nawaz Jung Bahadur, M.A., LL.B.
99. Mahmud Ahmad Khan, Esq., B.SC.

THE SYNDICATE.
(For 1342—1343 F.)

1. Nawab Mirza Yar Jung Bahadur, B.A., LL.B. (Chairman).
2. Nawab Zulqadar Jung Bahadur, M.A. (Cantab) Bar-at.Law.
3. Qazi Muhd. Husain, Esq., M.A. (Punj.), B.A., LL.B. (Cantab).
4. Lt.-Col. Farhat Ali, B.A., M.B., ch.B. (Edin.)
5. The Secretary, Engineering College, (M. D. Gadgil, Esq.).
6. Miss. A. Pope, L.R.A.M., A.R.C.M., (Lond.) M.A., D.Litt. (Allah.) S.C.A.A. (Lisbon).
7. Syed Muhd. Azam, Esq., M.A. (Cantab).

FACULTY OF THEOLOGY.
(For 1342 and 1343 Fasli).

1. Nawab Zia Yar Jung Bahadur (Dean).
2. Nawab Akbar Yar Jung Bahadur.
3. Nawab Muhammad Yar Jung Bahadur.
4. Nawab Akhtar Yar Jung Bahadur.
5. Nawab Nazir Yar Jung Bahadur.
6. Maulvi Abdul Qadir Sahib.
7. Abdul Haq, Esq., B.Litt., Ph.D., (Oxon.)
8. Maulvi Abdullah Emadi Sahib.
9. Maulvi Muhd. Elias Burney Sahib, M.A., LL.B.
10. Maulvi Abdul Bari Sahib Nadavi.
11. Maulvi Ghulam Nabi Sahib.
12. Maulvi Sayyid Sher Ali Sahib.
13. Mufti Abdul Latif Sahib.
14. Maulvi Manazir Ahsan Sahib Gilani.
15. Maulvi Sayyid Ibrahim Sahib.

FACULTY OF ARTS.
(For 1342 and 1343 Fasli).

1. Nawab Mirza Yar Jung Bahadur, B.A., LL.B. (Dean)
2. Nawab Mehdi Yar Jung Bahadur, M.A. (Oxon.)
3. Nawab Akbar Yar Jung Bahadur.
4. Qazi Muhammad Husain, Esq., B.A., LL.B. (Cantab.).
5. Haroon Khan Sherwani, Esq., M.A., (Oxon.). Barrister-at-Law.
6. Hosain Ali Khan, Esq., B.A. (Oxon).
7. Muhammad Elias Burney, Esq., M.A., LL.B.
8. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
9. Sayyid Muhammad Azam, Esq., M.A., B.Sc. (Cantab.).
10. Abdul Haq, Esq., B.Litt., Ph.D. (Oxon.).
11. Muhammad Nizamuddin, Esq., D.Phil. (Cantab).
12. Maulvi Abdul Haq Sahib, B.A.
13. Sayyid Abdul Latif, Esq., B A., Ph.D. (London).
14. Miss Amina Pope, L.R.A.M., A.R.C.M. (Lond.), M.A., D. Litt. (Allahabad), S.C.A.A. (Lisbon).
15. Pandit Hari Har Shastri.
16. Sayyid Ali Akbar Esq., M.A. (Cantab).

FACULTY OF SCIENCE.
(*For* 1342 *and* 1343 *Fasli*).

1. Khan Fazal Md. Khan Esq., M.A. (Cantab) (*Dean*)
2. Muhammad Abdul Rahman Khan, Esq., B.A., B.SC. (London.)
3. Lt.-Col. Farhat Ali, B.A., M.B., ch. B. (Edin.).
4. Qazi Muhammad Husain Esq., B.A., LL.B., (Cantab.), M.A. (Punjab).
5. Sayyid Muhammad Azam, Esq., M.A. B.SC. (Cantab).
6. Wahidur Rahman, Esq., B.SC.
7. Muzaffaruddin Quraishi, Esq., M.SC., Ph.D. (Berlin).
8. Kishen Chand, Esq., M.A. (Cantab).
9. Sayyid Husain, Esq., M.SC., Ph.D. (London).
10. Samiullah Shah, Esq., B.SC., Hons. (Manchester).
11. Sayeeduddin, Esq., M.A. (Edin.).
12. G. C. Kameshwar Rao, Esq., D.SC.
13. Mahmud Ahmad Khan, Esq., B.SC.
14. Raziuddin Siddiqi, Esq., M.A. (Osmania), B.A. (Cantab). Ph.D.
15. B. K. Das Esq., D.SC. (London).   [Gottingen].
16. S. M. Ali Khan, Esq., B.SC. (Hons.)

FACULTY OF LAW .
(*For* 1342 *and* 1343 *Fasli*).

1. Nawab Mirza Yar Jung Bahadur, B.A., LL.B. (*Dean*).
2. Nawab Zulqadir Jung Bahadur.
3. Nawab Hashim Yar Jung Bahadur, M.A., LL.B.
4. Nawab Sir Amin Jung Bahadur , M.A., B.L., LL.D., K.C.S.I., C.I.E,
5. Nawab Nazir Yar Jung Bahadur.
6. Rai Bishesharnath Sahib, B.A., LL.B.
7. Muhammad Abdul Rahman Khan, Esq., B.A., B.SC., (London).
8. Hosain Ali Mirza, Esq., Barrister-at-Law.
9. Mir Akbar Ali Musavi, Esq., B.A., LL.B., (Bombay).
10. Qazi Muhd. Husain Esq., B.A., I L.B. (Cantab).
11. Mirza Hosain Ali Khan, Esq., B.A. (Oxon). Bar-at-Law.
12. Mir Siyadat Ali Khan, Esq., M.A. B.C L., Ph.D. (Oxon).
13. Khalifa Abdul Hakim, Esq.
14. Mir Valiuddin, Esq., M.A. Ph.D. (London).
15. Akbar Ali Khan, Esq., Bar-at-Law.
16. Khaliluz-Zaman, Esq., Bar-at-Law.

FACULTY OF MEDICINE.
(*For* 1342 *and* 1343 *Fasli*).

1. Col. J. Norman Walker, C.I.E., I.M.S. (*Dean*).
2. R. N. Coorlawala, Esq., F.R.C.S., (Eng.) L.R.C.P., (London), D.P.H., (Cantab), M.B., (Dublin).
3. Lt.-Col. Muhammad Ashraf, M.B., ch.B., (Edin.)
4. Lt.-Col. Farhat Ali, M.B., ch.B., (Edin.).
5. Major Nawab Faiz Jung Bahadur, Esq., M.B., ch.B., (Edin.).
6. Khurshid Husain, Esq., M.B., ch.B., (Edin.).

7. Syed Abdul Rahim Esq., B.A., M.B., Ch.B..
8. Mufti Shah Nawaz, Esq., M.B.B.S.
9. Major M. W. Hart, M.R.C.S., L.R.C.P., M.B.E.
10. Brij Mohan Lal, Esq. B.A., M.B.B.S., M.SC.. (London).
11. Hasan Ali Khan, Esq , M.B., Ch.B., (Edin.).
12. V. R. Gorakshakar, Esq., B.A., M.B., Ch.B., (Edin.).
13. A. Latif Sayeed, Esq., M.B., Ch.B. (Edin.).
14. S. W. Hardikar. Esq., M.D., M.R.C.S. (Edin.).
15. Sayyid Abdul Rahman, Esq., M.B., Ch.B. (Edin).

FACULTY OF ENGINEERING.
(For 1342 and 1343 Fasli).

1. Nawab Ali Nawaz Jung Bahadur F.C.H. (Dean)
2. Secretary, Engineering College (M. D. Gadgil, Esq., B.A.I. C.E.)
3. Mehir Ali Fazil Esq. L.C.E.
4. Syed Arifuddin Esq. B.SC., Hons. (Manchester).
5. Nawab Zain Jung Bahadur.
6. Sayyid Ali Raza, Esq., B.A., B.SC., Hons. (Manchester).
7. Samiullah Shah, Esq., B.SC., Hons. (Manchester).
8. R. K. Nariman Esq.
9. Muhammad Ahmad Mirza , Esq., B.A., C.E.
10. Afzal Ali Khan Esq. B.SC. (Calcutta), B.SC. (Manchester).
    A.M.I.M E., A.M.I.E.E.
11. The Professor of Physics, Osmania University College.
12. The Professsor of Chemistry,   do   do
13. The Professor of Mathematics,   do   do
14. Professsor of Hydraulics.

FACULTY OF TRAINING.
(For 1342 and 1343 Fasli).

1. Khan Fazl Muhammad Khan, Esq., M.A.. (Cantab) (Dean).
2. Sayyid Muhammad Husain, Esq., B.A. (Oxon).
3. Sayyid Ali Akbar, Esq., M.A. (Cantab).
4. Muhammad Sajjad Mirza, Esq., M.A. (Cantab.). C.T. (London).
5. Muhammad Abdul Rahman Khan, Esq., B.A., B.SC. (London).
6. Sayyid Muhammad Azam, Esq.. M.A., B.SC., (Cantab).
7. Muhammad Hafizullah, Esq., BA.., B.T.
8. Qazi Muhammad Husain, Esq., M.A., LL.B. (Cantab).
9. Sayyid Muhiuddin, Esq., B.A., Bar-at-Law.
10. Mir Ahmad Ali Khan, Esq., M.A., M.Ed. (Leeds).
11. Malik Sardar Ali, Esq., B.A., B.T.
12. Ghulam Rabbani, Esq., B.A., B.T.
13. Mahbub Ali Taher, Esq., M..A., M.Ed. (Leeds).
14. D. D. Shenderker, Esq. Ph.D. (London).
15. Abdul Aziz Khan, Esq., B.A., B.T.
16. Muhammad Osman, Esq., B.A.

FACULTY OF TECHNOLOGY.
(For 1342 and 1343 Fasli).

1. R. L. Gamlen, Esq., O.B.E., M.I.E.E.
2. Khan Fazl Muhammad Khan, Esq., M..A., (Cantab).

3. C. E. Preston, Esq., M. Eng., B.A., M.I.E.E.
4. W. E. J. Beeching, Esq., A.C.C.I., A.M.I.C.E.
5. Professor of Mathematics, Osmania Technical Institute.
6. Asst. Professor of Mechanical Engineering, Osmania Technical Institute.
7. Asst. Professor of Electrical Engineering, Osmania Technical Institute.
8. B. Abdy Collins. Esq., I.C.S., C.I.E.
9. G. R. G. Huddleston. Esq.
10. Secretary, Engineering College.
11. Sayyid Arifuddin, Esq.
12. Professor of Mechanical Engineering, Engineering College.

BOARDS OF STUDIES.

(For 1343 & 1344 F.—1934 & 1935 A. D.)

English.

1. E. E. Speight. Esq., B.A., (London).
2. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London).
3. Mirza Hosain Ali Khan, Esq., B.A., (Oxon.).
4. Sayyid Abdul Latif, Esq., B.A.. Ph.D. (London).
5. T. Virabhadrudu, Esq., M.A.
6. Sayyid Muhammad Azam, Esq., M.A., B.Sc., (Cantab.).

Arabic.

1. Abdul Haq, Esq., B.Litt. Ph.D., (Oxon.).
2. Maulvi Abdullah Emadi Sahib.
3. Maulvi Abdul Qadir Sahib.
4. Maulvi Ghulam Nabi Sahib.
5. M. Nizamuddin, Esq., D.Phil. (Cantab.).
6. Zahid Ali, Esq., D.Phil. (Oxon.).
7. Maulvi Sayyid Ibrahim Sahib.

Sanskrit.

1. Pandit Hari Har Shastri.
2. H. B. Atre, Esq., B.A.
3. Pandit G. Dhareshwar, B.A.
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Persian.

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3. Maulvi Abdul Hamid Khan Sahib.
4. Abdul Haq,. Esq., B.Litt., Ph.D. (Oxon.).
5. Maulvi Abdullah Emadi Sahib.

6. Maulvi Ghulam Nabi Sahib.
7. Qari Sayyid Kalimullah Husaini, Esq., M.A., LL.B., Ph.D. (London).

Urdu.

1. Abdul Haq, Esq., B.A.
2. M. Nizamuddin, Esq., D.Phil. (Cantab.).
3. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D. (Heidelberg).
4. Sayyid Sajjad Husain, Esq., M.A. Ph.D. (London).
5. Pandit Hari Har Shastri.
6. Ghulam Muhiddeen Qadri, M.A., Ph.D. (London).
7. Sayyid Hashimi, Esq.

Marathi.

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2. H. B. Atre, Esq., B.A.
3. R. A. Kshirsagar, Esq., B.A.
4. D. C. Bhogle, Esq., B.A.
5. Mr. Abdul Haq. B.A.
6. D. D. Shenderker Esq., B.A.,B.T.,T.D.,PH.D. (London).

Telugu.

1. R. Subba Rao, Esq.
2. R. V. Somayajulu, Esq.
3. S. Hanmant Rao, Esq., M.A.
4. Muhammad Hafizullah, Esq., B.A., B.T.
5. S. .V Shastri Esq.,
6. Elandla Sita Ram Rao Esq., M.SC.
7. Lakshmi Kant Shastri, Esq., B.A.

Kanarese.

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2. H. V. Krishnaswami, Esq., M.A.
3. G. A. Chandarvakar, Esq., M.A.
4. A. Sitaram Rao, Esq., M.A.
5. D. K. Bhimsen Rao Esq.,
6. Baqar Muhiuddeen Mehkri Esq.

History.

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2. Ghulam Yazdani, Esq., M.A.
3. Maulvi Abdullah Emadi Sahib.

4. Muhammad Jamilur Rahman, Esq., M.A.
5. Ibne Hasan Esq. M.A. Ph. D. (London).
6. Yusuf Husain, Esq., D.Phil. (Paris).
7. Ishwarnath Topa Esq., Ph. D. (Freiberg).

Economics and Sociology.

1. Muhammad Elias Burney, Esq., M.A., LL.B.
2. Jafar Hasan, Esq., Ph.D. (Heidelberg).
3. Ahmad Muhiuddin. Esq., B.A. (Cantab.).
4. Sayyid Ali Akbar, Esq., B.A., (Cantab.).
5. Habibur Rahman, Esq., M.A., LL.B., B.SC. (London).
6. Mahmud Ali Esq., M.A.
7. E. Gideon, Esq.

Logic and Philosophy.

1. Nawab Sir Amin Jung Bahadur, K.C.I.E., C.S.I., LL.D., F.R.A.S.
2. Khalifa Abdul Hakim. Esq., M.A., LL.B., Ph.D. (Heidelberg).
3. Maulvi Abdul Bari Sahib.
4. Mutazid Waliur Rahman, Esq., M.A.
5. Mir Valiuddin, Esq., M.A., Ph.D. (London).
6. Salahuddin Esq., M.A. (Dacca).
7. Shiv Mohan Lal, Esq., M.A.

Mathematics.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.SC., (London)·
2. Qazi Muhammad Husain, Esq., M.A., LL.B. (Cantab.).
3. Kishen Chand, Esq., M.A., (Cantab.).
4. T. P. Bhaskaran, Esq., M.A., F.R.A.S.
5. Raziuddin Siddiqi Esq., B.A. (Cantab). Ph. D. (Gottingen).
6. Sayyid Muhammad Azam, Esq., M.A., B.SC. (Cantab.).
7. Samiullah Shah, Esq., B.SC. Hons. (Manchester) A.M. I.C.E. (London).

Physics.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.SC., (London).
2. Qazi Muhammad Husain, Esq., M.A., LL.B. (Cantab.).
3. Wahidur Rahman, Esq., B.SC.
4. Nasir Ahmad, Esq., M.A., B.SC.
5. Sayyid Muhammad Ali Khan Esq., B.SC., Hons. (London).
6. G. C. Komeshwar Rao, Esq., D.SC.

Chemistry.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.SC., (London).
2. Muzaffaruddin Qureshi, Esq., M.SC., Ph.D., (Berlin).
3. Qazi Muinuddin Esq., M.SC., Ph. D. (London).
4. Khwaja Habib Hasan, Esq., M.SC., (Leeds), F.C.S.
5. Mahmud Ahmad Khan, Esq., B.SC.
6. Sayyid Husain, Esq., M.SC., Ph.D. (London).
7. Ram Rao Pervatikar, Esq., M.A.

Biology.

1. Lt. Col. Farhat Ali, M.B., Ch.B., (Edin.).
2. S. W. Hardikar, Esq., M.D. (Edin.).
3. Sayeeduddin, Esq., B.Sc., M.A. (Edin.)
4. Abdul Bari, Esq., B.Sc.
5. B. K. Das, Esq. D.Sc., (London).
6. Muhammad Rahimullah. Esq., B.Sc.
7. Captain K. N. Waghray, M.B.B.S. M.R.C.P. (England).

Board of Domestic Economy.

1. Miss Amina Pope, L.R.A.M., A.R.C.M., (Lond.), M.A., D.Litt. (Allahabad), S.C.A.A. (Lisbon).
2. Mrs. M. Engler M.A., L.T.
3. Miss G. M. Linnell.
4. Mrs Abdul Qaiyum Khan
5. Miss Saifullah Khan
6. Mrs. Hosain Ali Khan
7. Mrs. R. V. Pillai

Muslim Theology.

1. Muhammad Abdul Rahman Khan, Esq., B.A., B.Sc. (London)
2. Maulvi Abdul Qadir Sahib.
3. Maulvi Manazir Ahsan Sahib Gilani.
4. Maulvi Abdul Bari Sahib.
5. Mufti Abdul Latif Sahib
6. Muhammad Elyas Burney, Esq., M.A. L.B.
7. Abdul Haq, Esq., B. Litt., D. Phil (Oxon).

Morals.

1. Khalifa Abdul Hakim, Esq., M.A., LL.B., Ph.D., (Heidelberg).
2. Zahiruddin Ahmad, Esq., D.Litt. (Egypt).
3. Yusuf Ali Esq., M.A.
4. R. Subba Rao, Esq.
5. Pandit Hari Har Shastri.
6. Muhd. Elyas Barney Esq., M.A., LL.B. (Allahabad).

BOARD OF AUDIT.
(For 1343 Fasli).

1. Nawab Fakhr Yar Jung Bahadur, B.A.
2. Nawab Nazir Yar Jung Bahadur, M.A., LL.D.
3. Kishen Chand, Esq., M.A., (Cantab.)

4. SUCCESSION LISTS.

Chancellors.

1328-1329 F. (1918-1919)	The Prime Minister.
1330 Fasli (1920 A.D.)	Sir Sayyid Ali Imam, K.C.S.I.
1331 Fasli (1922 A.D.)	Nawab Sir Faridoon Mulk Bahadur, K.C.S.I., C.S.I., C.B.E.
1333 Fasli (1924 A.D.)	Nawab Wali-ud-Daula Bahadur.
1336 Fasli (1926 A.D.)	Maharaja Sir Kishan Pershad Bahadur, Yamin-us-Saltanat, G.C.I.E.

Vice-Chancellors.

1328 Fasli (1918 A.D.)	Maulvi Habibur Rahman Khan Sahib Sherwani (Nawab Sadr Yar Jung Bahadur).
1330 Fasli (1920 A.D.)	Nawab Wali-ud-Daula Bahadur.
1333 Fasli (1924 A.D.)	Educational Member, Executive Council.
1336 Fasli (1926 A.D.)	Nawab Wali-ud-Daulah Bahadur.

Secretaries, University Council.

1328 Fasli (1918 A.D.)	A. Hydari, Esq., B.A., (Nawab Sir Hydar Nawaz Jung Bahadur).
Far. 1329 F. (Feb. 1920)	Sir Sayyid Ross Masood, Esq., B.A., (Oxon.), Barrister-at-Law, (Nawab Masood Jung Bahadur).
Khd. 1329 F. (April 1920)	A. Hydari, Esq., B.A., (Nawab Sir Hydar Nawaz Jung Bahadur).
1330 Fasli (1921 A.D.)	Nawab Zulqadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1332 Fasli (1922 A.D.)	Nawab Akbar Yar Jung Bahadur.
1336 Fasli (1927 A.D)	Nawab Zulqadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1338 Fasli (1929 A.D.)	Nawab Akbar Yar Jung Bahadur.
1342 Fasli (1933 A.D.)	Nawab Zulqadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.

Registrars.

1328 Fasli (1919 A.D.)	Sayyid Muhiuddin, Esq., B.A., Barrister-at-Law.
1329 Fasli (1920 A.D.)	H. A. Ansari, Esq., B.A.

5. THE ROYAL CHARTER.

Whereas the prosperity and well-being of our devoted and loyal subjects are the objects of our most earnest solicitude. and whereas these objects can be secured only when the existing organisation of education in our Dominions is freed to an appreciable extent from the control of outside Universities. and higher education is organised within the State, with reference to local needs and conditons : We are pleased to order :-

1. *that a University called the Osmania University be established at Hyderabad on the first day of Muharram 1337 Hijri.*

2. *the object of the Osmania University is to impart higher education, and further research in and promote the study of religion. morals, literature, philosophy, science, history, medicine, law, agriculture, commerce, and other branches of useful knowledge, and useful arts and industries.*

3. *the chief characteristic of the Osmania University will be that instruction will be imparted in all branches of learning through the medium of the Urdu language while a study of the English language and literature will be compulsory.*

4. *The University shall have power—*

(a) *to provide for instruction in all such branches of learning as the University may decide and also for research, and for the advancement and dissemination of knowledge.*

(b) *to grant to and confer degrees and other academic distinctions on persons who shall have pursued a prescribed course of study in, and passed the examinations held by the University.*

(c) *to grant diplomas, certificates or other distinctions to persons who have pursued a course of study under conditions approved by the University.*

(d) *to admit graduates of other Universities to degrees of the same or similar rank.*

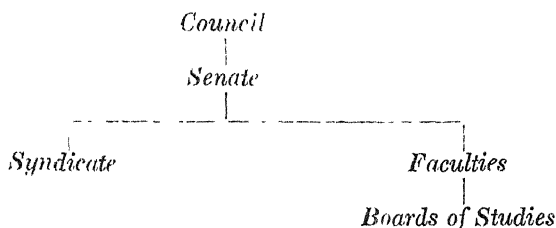(e) *to confer honorary degrees. or other distinctions.*

(f) *to withdraw or cancel degrees. diplomas. certificates or other distinctions granted or conferred, and*

5*

(g) *to exercise all such other powers and to do all such other acts as may be required in order to further the objects of the University and to carry on its work.*

5.   *The University shall be able and capable in law to take, purchase, and hold any property movable or immovable which may become vested in it for the purpose of the University by purchase, grant, testamentary disposition or otherwise, and shall be able and capable in law to grant, demise, alien or otherwise dispose of, all or any of the property movable or immovable belonging to the University ; and also to exercise such other powers and do other acts incidental or appertaining to a body corporate.*

6.   *The University shall be able and capable to establish colleges on its initiative, or to exercise all of its powers with regard to colleges founded for it or transferred to its control, or to those to which it recognises as colleges, and all these shall be deemed to be its constituent colleges*

7.   *The organization of the University will be as follows : -*

Council

Senate

Syndicate   Faculties

Boards of Studies

8.   *We shall be pleased to be the Patron of the University, and the other officers and executive bodies shall be as follows :- -*

(1) The Chancellor.—*The Chancellor shall be the highest controlling authority of the University and may at any time direct an inspection and supervision of the University institutions, including buildings, laboratories and other appurtenances generally, and to direct the inspection of one or all of these for the purpose of seeing that the proceedings of the University are in conformity with this Charter and the rules framed thereunder.*

The Chancellor may also by order in writing annul any proceedings which is not in his opinion in conformity with this Charter and the rules framed thereunder.

His Excellency the Minister shall be the ex-officio Chancellor of the University.

(2) The Vice-Chancellor.—*The Assistant Minister of Education or the officer charged with the administration of the University shall be the Vice-Chancellor of the University and he shall take rank in the University next to the Chancellor.*

He shall exercise general supervision over the educational arrangements of the University, and it shall be his duty to see that the provisions of this Charter and the rules framed thereunder are faithfully observed.

If any emergency arises the Vice-Chancellor shall be empowered to pass such orders or to take such action as he deems necessary and intimate the fact to the officer who in the ordinary course would have dealt with the matter.

(3) The Council.—*The Executive Government of the University including the general superintendence and control over the Constituent Colleges shall be vested in the Council ; provided that the Government may by rules framed in this behalf from time to time reserve to themselves such powers relating to the appointment, punishment, removal and leave of the officers as they may deem fit.*

The Council shall consist of not less than nine and not more than eleven members excluding principals of Constituent Colleges and shall comprise :-

    (i) *His Excellency the Minister.*

    (ii) *The Assistant Minister, Education, or the Officer charged with the Administration of the University.*

    (iii) *The Assistant Minister, Ecclesiastical Department.*

    (iv) *The Assistant Minister of Finance.*

    (v) *The Secretary to Government, Education Deparment.*

    (vi) *The Director of Public Instruction.*

    (vii) *The Principals of Constituent Colleges.*

    (viii) *The remaining members appointed by the Government.*

The Secretary to the Government, Education Department will be the Secretary to the Council.

(4) The Senate.—*The Senate shall, subject to this Charter and the rules framed thereunder, have the entire charge of the organization of instruction in the University and the Constituent Colleges, the curriculum, and the examination and discipline of students and the conferment of ordinary and honorary degrees.*

The Senate shall consist of such number of members not less than forty and not more than seventy as may be fixed from time to time by the Chancellor. Such members shall be styled Fellows and shall hold office for a term of two years and their powers and duties shall be set forth in detail in the rules.

The first members of the Senate shall be appointed for that period by Government.

After the lapse of the said term of two years, the Senate shall be composed of—

(a) The Vice-Chancellor and the other members of the Council mentioned in Section (3).

(b) The University Professors.

(c) Four members elected by the Senate, two from the list of registered graduates and two from members of the Faculties.

(d) The remaining members nominated by the Chancellor provided that the election and nomination of persons as Fellows shall be so regulated as to secure in the Senate a majority of persons connected with or following the profession of education.

(5) The Syndicate. —The Syndicate will be the business committee of the Senate and will consist of not less than 5 nor more than 7 members of the Senate, and its powers and duties shall be set forth in detail in the rules.

(6) Faculties.· These will be academical Committees of the Senate, entrusted with the framing of curricula and arranging for examinations and other matters. These Committees will be appointed from time to time in accordance with rules framed hereafter. and for each branch of knowledge there will be a separate Faculty. The University shall include at present the Faculties of Arts and Theology.

Each Faculty shall be composed of not less than 12 nor more than 16 members of whom at least two in excess of half the number shall be from the Professors of the University.

Each Faculty shall elect from among its members a Dean.

A Faculty shall have power to consider and report on any matter referred to it by the Senate or by the Council.

(7) Boards of Studies.—There shall be a Board of Studies in Theology and for every branch of knowledge.

The members of the Board shall be recommended by the Faculties to the Senate and on its recommendation appointed by the Council and shall consist of University Professors and other persons possessing special knowledge of the subjects dealt with by the Boards to which they are appointed.

The duties of the Boards shall be to recommend to the Faculties text-books for study and for translation, courses of study and examiners in their respective departments,

and generally to advise in all matters referred to them by the Council or by the Faculty to which they belong.

(8) Board of Audit. *This Board will be empowered to audit all the accounts of the University and of its property, etc. It shall be appointed every year by the Senate and shall consist of three Fellows not being members of the Council. The accounts of the University shall also be audited on behalf of Government every year, by an officer appointed for the purpose by Government, the interval between each audit being not more than 15 months.*

The Government auditor shall have access to all the accounts and offices of the University.

(9) Registrar.- *–The Registrar shall also be Secretary to the Senate and the Syndicate. The Registrar may be a member of the Senate or Syndicate but shall not be a member of the Council.*

The Registrar shall be appointed by Government on the recommendation of the Council but the first Registrar shall be appointed by Government.

(10) Other persons and bodies in the rules in force.

9. *The Council may, subject to the provisions of this Charter and the rules in force, appoint Committees consisting of Fellows of the University and also, if the Council think fit, of persons who are not Fellows of the University, and may delegate to such Committee such duties as they think fit, as regards administrative or other matter, affecting the University or any particular Faculty or Department, or the management or supervision of any building or the property of the University.*

The Senate, the Faculties and the Boards of Studies, shall be similarly empowered to appoint such committees within their respective spheres.

10. *The University shall, in the discharge of its function, use a seal, the design of which has been approved by us.*

11. *Subject to the provision of this Charter and the rules in force the Council may from time to time make any rules and regulations required for carrying out all or any of the purposes of this Charter.*

The Council may from time to time make additional rules or amend or repeal the rules in force, but all new rules and additions to the rules and all amendments and repeals of the rules shall, before they come into effect, require the previous approval of the Government who will be empowered to pass suitable orders thereon.

The first rules shall be framed and enforced by Government.

12. *The Senate shall have power to draft and propose to the Council rules to be made by the Council and it shall be the duty of the Council duly to consider the same.*

13. *All grants made by Government from time to time and all sums paid or endowments made by private persons or local authorities, for the purposes of the University shall form a fund styled " the University Fund " which shall be at the disposal of the University to be employed for any of the purposes set forth in this Charter.*

14. *The Council shall have prepared and laid before the Senate every year, accounts of receipts and expenditure of the University. The budget after consideration by the Senate shall be submitted to Government and it shall be competent to Government to pass suitable orders on it.*

15. *The duties and powers of the University and its executive officers and bodies shall be set forth in further detail in the rules.*

(By Order)

A. HYDARI,

SECRETARY TO GOVERNMENT,

Judicial. Police & General Departments.

6. REGULATIONS OF THE OSMANIA UNIVERSITY.

CHAPTER I.

PRELIMINARY DEFINITIONS.

Definitions.—In these rules unless there is something repugnant to the subject or context :—

"THE CHARTER" means the "ROYAL CHARTER" dated the 16th Zilhijja 1336 Hijri.

"CLEAR DAYS" means a period exclusive of both the first and last days.

"THE JARIDAH" means the Jaridah-i-Ailamia Sarkar-i-Ali, *i.e.*, His Exalted Highness the Nizam's Government Gazette.

"THE RULES" means the rules of the Osmania University for the time being in force.

"THE UNIVERSITY" means the Osmania University.

"RESOLUTION" means an original Proposal.

"MOTION" means any proposal moved either in the shape of a resolution or amendment.

All words or expressions used in these Rules and defined in the Charter shall invariably bear the signification established by these definitions.

Notices.—Any notice, intimation or information required to be given, and any paper, minutes or proceedings required to be sent, to any person under the Rules shall, unless otherwise provided, be considered as despatched if it is sent to the address of that person, or forwarded by post.

Addresses.—Every Fellow of the University shall give an intimation of his address or change of address to the Registrar who shall keep a record in his office of the addresses of all Fellows. The last address communicated to the Registrar shall be deemed the correct address in each case.

CHAPTER II.

THE VICE-CHANCELLOR.

1. The Vice-Chancellor shall have the power to convene meetings of the Council and the Senate and to perform all such acts as may be necessary to carry out or further the object of the Royal Charter and the rules thereunder.

2. If an emergency arises which in the opinion of the Vice-Chancellor requires immediate action, the Vice-Chancellor shall take such steps as he deems necessary and report the fact to the authorised officer who, in ordinary course, would have dealt with the matter.

3.   In matters which are not touched upon in the Royal Charter or the Rules and in which he considers a reference to Government necessary, the Vice-Chancellor may make such reference to Government on such matters.

CHAPTER III.

THE COUNCIL.

4.   The nominated members of the Council shall hold office for a term of three years. Such memberships as fall vacant from time to time will be filled up by the Government. A member of the Council whose term has expired shall be eligible for re-nomination.

5.   The Council shall submit to Government without delay copies of the proceedings of the Senate.

6.   The Council shall meet ordinarily once a month and at other times when convened by the Vice-Chancellor. The Vice-Chancellor or in his absence, the senior member present, shall preside at the meetings.

7.   Half the number of members shall constitute a quorum, fractions being counted as whole numbers   All questions shall be decided by a majority of votes of the members present.

8.   In accordance with the provisions of the Royal Charter and the Rules made in pursuance thereof, the Council shall, in addition to the powers vested in it, also exercise the following powers, *viz* :—

(*a*) To determine from time to time the number of pro-fessors, assistant professors, etc., and other members of the teaching staff and the office establishment of the University and its constituent colleges.

(*b*) In the case of appointments, within their power of disposal, to delgeate, subject to the general control of the Council, the power of appointment to such authority or authorities as the Council may from time to time by general or special resolution direct.

(*c*) To organise and regulate the finances, accounts, invest-ments, property, business matters, and all other administrative works of the University and for that purpose to appoint such agents as they may think fit.

(*d*) To invest any money belonging to the University includ-ing any unutilized income in stocks, funds, shares and securities or in the purchase of immovable property and to alter such investments from time to time.

(*e*) To transfer or accept transfer of any movable or immov-able property on behalf of the University.

(f) To provide buildings, lands, furniture and apparatus and other accessories needed for carrying on the work of the University.

(g) To enter into, alter and cancel, contracts on behalf of the University.

(h) To entertain, adjudicate upon and redress any grievances of the professors, the teaching staff, the graduates, the undergraduates and the University servants, who may for any reason feel aggrieved.

(i) To maintain a register of donors to the University.

(j) To draft rules as and when they see fit and submit the same to the Government for consideration and approval.

The following additional powers were delegated to the Council in accordance with His Exalted Highness the Nizam's Firman, dated the 20th Rajab 1340 Hijri, 16th Ardibehisht 1331 F. 20th March 1922 :-

(1) To transfer any expenditure from one sub-head to another.

(2) To sanction all kinds of leave to any officer, whose leave the Principal, the Registrar or the Curator is not authorised to sanction, and also to cancel the same.

(3) To sanction *amal-i-taynati* from one office of the University to another.

(4) To change the designation of any non-gazetted appointment.

(5) To sanction arrears of pay or travelling allowance due to an officer of the University for any period.

(6) To depute officers of the University to places outside the Dominions to attend Scientific Conferences, to study the working of other Universities or to purchase stores or apparatus for the University or for any other purpose in the interests of the University.

(7) To sanction the payment of full salary to the officiating officer, when the permanent incumbent avails of extraordinary leave.

(8) To commute absence without leave into leave of any kind to which an officer is entitled under the Rules provided the period of absence does not exceed six months.

(9) To sanction furlough (*rukhsat-i-khangi*) to officers of the University up to a limit of three years for purpose of study irrespective of the length of their services.

(10) To sanction holidays and vacations for the colleges and offices of the University or to close the colleges and offices during epidemics.

(11) To sanction rates of remuneration for books translated on piece-work.

(12) To sanction extension in the services of officers of the University up to a limit of 60 years.

(13) To start a newly appointed officer on a salary above the minimum pay of the grade.

(14) Notwithstanding anything to the contrary in Articles 113 and 117 of the Civil Service Regulations, the Council of the Osmania University will be competent to sanction allowances for plural appointments in the colleges or offices of the University subject to the general condition that the cost of these arrangements should on no account exceed the provision in the budget for the appointments.

N.B.—If the Financial Member differs in any financial matter from the view taken by the majority the case shall be referred to Government.

CHAPTER IV.

1. THE SENATE.

9. In accordance with the provisions of Section 8 (1, 2, 3, 4, 5 and 6 of the Charter) dated 16th Zilhijja 1336 Hijri (22nd September 1918), the Chancellor, the Vice-Chancellor, the Secretary to Government, Education Department, the Director of Public Instruction, the Councillors, the Deans of the Faculties of Theology and Arts and the Fellows of the University, shall have seniority and precedence first, in the order above specified down to the Deans : and secondly, according to their official precedence in the case of *ex-officio* Fellows and thirdly, in the case of the remaining Fellows according to the sequence of their original appointments.

10. The election of members shall be subject to the approval of the Chancellor.

11. The Chancellor may, on the representation of two-thirds of the members of the Senate, cancel the appointment of any person as a Fellow of the University, and as soon as such cancellation is notified in the *Jarida*, the said person shall cease to be a Fellow. When a member is charged with gross misbehaviour unfitting his office, the Senate will hear him or any other member nominated by him on his behalf before reporting the matter to the Chancellor.

12.   Every Fellow elected and nominated under the Rules shall be eligible for re-election or nomination at the close of his term of office.

13.   All casual vacancies among elected members shall be filled up by the body which elected the member who held the vacant membership.

2.   POWERS OF THE SENATE.

14.   In accordance with the provisions of the Royal Charter and Rules made in pursuance thereof, the Senate shall among other powers also have the following powers :--

(a) To discuss and declare an opinion on any matter whatsoever relating to the University.

(b) To suggest to the Council the removal of any professor or teacher of the University or the appointment of additional professors or other teachers.

(c) To formulate, modify or revise schemes for the organization of the Faculties of the University and to assign to such Faculties their respective subjects and also to report to the Council regarding the expediency of the abolition, amalgamation or subdivision of any Faculty.

(d) To institute and confer such degrees and grant such Diplomas, Licenses, Certificates. and other distinctions in respect of courses of study and examination as may be prescribed in the Rules.

(e) To make rules regarding the academic apparel of graduates, holders of distinctions and officers of the University.

(f) To fix, subject to conditions made by the founder and accepted by the University the rules and regulations. the terms of competition for fellowships. scholarships and other prizes and to award the same.

(g) To report in any matter transferred or delegated to them by the Council.

(h) To promote research within the University and to call for reports on the subject from time to time.

(i) To maintain a Register of Graduates.

3.   MEETINGS OF THE SENATE.

15.   The Senate shall meet ordinarily once a year in the month of Amardad.   If deemed necessary by the Vice-Chancellor, meetings may be convened at other times also.   A copy of the proceedings of such meetings must be sent to the Council.

16.   The Vice-Chancellor shall   convene a meeting of the Senate on the requisition of any six Fellows.

17. Twenty members shall constitute a quorum and all questions shall be decided by a majority of votes of the members present.

18. Any member of the Senate shall be empowered to bring forward a resolution dealing with any matter pertaining to the proceedings of the Faculties or of the Syndicate or with any question concerning the budget or otherwise connected with the affairs of the University. Such resolution, if carried, shall be forwarded to the Council and the Council shall inform the Senate in due course of the action taken. Should the Senate be not satisfied with or disapprove of the course of action adopted by the Council, it shall have power to make a representation to Government on the subject.

19. Such proposals and amendments only as are immediately connected with the Osmania University and are in accordance with the Royal Charter shall be entertained and debated in the Senate.

4. THE CONVOCATION.

20. A convocation for conferring degrees shall be held on the fourth Monday in Azur or if that day happens to be a holiday, on the next working day, or on such other graduation day as may be appointed by the Chancellor or Vice-Chancellor.

21. Persons entitled to degrees and desirous of being admitted must apply in writing 10 days previously to the Registrar who will communicate their names together with the necessary certificates to the respective Deans of Faculties for submission to the Senate on the next graduation day.

22. The Senate will, on the motion of the Dean of each Faculty or in his absence, the senior member of the Faculty respectively pass, the necessary graces in that behalf and the persons so approved shall be presented to the Chancellor or Vice-Chancellor successively, the graduates in the Faculty of Theology taking precedence of those in Arts.

23. In special cases and at the discretion of the Syndicate candidates who have passed the examinations may be permitted to take their degrees in *absentia* on payment of an extra fee of Rs. 10.

5. NOTICE AND PROCEDURE.

24. Sixteen clear days before the day fixed for a meeting of the Senate, the Registrar shall forward to each member of the Senate a statement of all business to be brought before the meeting and containing the full text of each resolution proposed to be put before the Senate with the name of the proposer of each, a written intimation of which has previously been received by the Registrar. The inclusion of a report of any committee of the Senate in the Agenda paper shall be held to be equivalent to notice of a motion, for its adoption. Notice in

writing of proposed amendments and the terms thereof and of motions for any change in the order of business as set forth in the statement must be forwarded so as to reach the Registrar five clear days before the meeting. The Registrar shall, two clear days before the meeting, forward to each member of the Senate a statement of all motions and amendments, and no motion or amendment of which such previous notice has not been given, shall be put to the meeting. The following motions may, however, be proposed without a previous entry in the Agenda paper :—

(a) A motion for dissolution, adjournment or suspension of the sitting to pass to the next business on the Agenda paper.

(b) A request to the Council to reconsider a question ; or a direction to the Syndicate to review their decision.

(c) A motion remitting the matter under consideration to the Syndicate or to Faculty for report, or

(d) An amendment admitted by the Chairman as purely formal.

6. ORDER OF BUSINESS.

25.   The members shall, before they take their place, register their attendance in a book placed for the purpose at the entrance of the place of meeting.

26.   Fifteen minutes after the time prescribed for the meeting, the Chairman shall ascertain whether there are twenty members present ; if this number be not present, the meeting shall forthwith be adjourned to such a date as the Chairman may fix. Such adjournment shall be recorded by the Registrar under the signature of the Chairman. In case of a meeting adjourned for want of quorum, no quorum will be required to pass the adjournment.

27.   At every meeting, unless the meeting, by special vote, otherwise determine, the order of business shall be as follows :- -

(a) The election of the Chairman if such election forms part of the business.

(b) The signing of the minutes of the previous meeting or the meeting under adjournment.

(c) The election of any official of the University, if such election forms part of the business of the meeting.

(d) Any motion for a change in the order of business.

(e) Such business and motions of which notice has been given according to the rules in the order in which such business and motions are entered in the Agenda Paper, and also motions to be brought forward subject to the provisions of this Rule and Rule 24.

7. Rules of Debate.

(1) *Motions*.

28. Every motion shall be affirmative in form and shall begin with the word " that."

29. Every motion shall be moved by the member in whose name it stands on the Agenda Paper ; if he is absent or declines to move, it may be moved by any other member.

30. Every motion at a meeting must be seconded otherwise it shall drop. The seconder of a motion may reserve his speech.

31. When a motion has been seconded it shall be stated from the chair.

32. When a motion has thus been stated it may be discussed as a question to be resolved in the affirmative or as proposed to be changed by amendment.

When before or after debate no member rises to speak to the motion the chairman shall proceed to put the question to the vote in the manner hereinafter explained.

33. A substantive proposal once brought forward shall not be proposed a second time at the same meeting or at any adjournment thereof. A proposal substantially identical in part with one already disposed of at the same meeting or adjourned meeting, may be brought forward with the omission of such part.

34. Not more than one proposal and one amendment thereto shall be placed before the meeting at the same time. Each amendment shall be disposed of before the next is moved. All amendments which are not withdrawn under Rule 43, or which do not violate Rule 36, shall be debated and voted upon. In case no notice of amendment under Rule 24 has been given, the Senate shall proceed to consider and to vote upon the bare proposal.

(2) *Amendments*.

35. No amendment shall be proposed which would reduce the original proposal to its negative form.

36. No amendment shall be proposed which raises a question already disposed of by the meeting or is adverse to any resolution passed by it.

37. The order in which amendments to a proposal are to be brought forward shall be determined by the chairman in view of their object and logical interrelation.

38.   An amendment, the substance of which has been disposed of in part, may be modified by its proposer so as to retain only the parts not so disposed of.

39.   When an amendment has been moved and seconded it shall be stated from the chair and then the debate may proceed on the original proposal and the amendment together; but if the question raised by the amendment is one on which a member has not yet spoken he may speak to that question though he had spoken to the original question or a previous amendment.

40.   Every amendment shall be proposed in such form as may enable the modification of the original motion in any or all of the following ways :—

    (1) by addition of words :
    (2) by deletion of words ;
    (3) by substitution of words .

and the mover may state how exactly the motion or the part thereof affected would stand when so amended.

41.   If any amendment is so carried it shall become part of the motion before the Senate and the motion shall be modified accordingly.

42.   When all the amendments of which due notice has been given, have been considered, the original motion or original motions as amended in the course of debate shall be placed before the Senate and put to the vote without further discussion.

(3)   *Withdrawal of a Question.*

43.   No motion shall be withdrawn from the decision of the Senate without its unanimous consent.   If the mover states his wish to withdraw a proposal or amendment and if no dissent is expressed during the interval allowed by the Chairman for the purpose, the Chairman shall declare that the question is withdrawn with the consent of the Senate.

(4)   *Resolution of the Senate into a Committee.*

44.   The Senate may when it thinks fit resolve itself into a Committee to consider any item which may be on the Agenda Paper.   A motion for the resolution of a meeting into a Committee may be made by any member at any time—but not so as to interrupt a speech—without the notice required under Rule 24.   Such motion, however, can only be placed before the Senate for consideration if the Chairman has permitted it.   No speech shall be allowed in moving such motion.   No such motion shall be considered unless fifteen members rise in support thereof.   The motion having thus been duly seconded shall be put to the meeting without further discussion and shall only be carried if two-thirds of the members present vote in its favour,

45. When the Senate decides in this manner to resolve itself into a committee the Chairman shall be the same as for the meeting of the Senate and the quorum shall be the same as for the meeting of the Senate.

The manner in which the discussion of the matter under consideration shall be conducted shall be left to the discretion of the Chairman.

When in the opinion of the Chairman the matter has been sufficiently discussed the committee shall embody its conclusions in a report to be signed by the Chairman. The period during which the Senate is sitting in the committee shall be considered as a suspension of the sitting of the Senate and immediately the committee terminates the Senate shall be again called to order by the Chairman and report of the Committee's deliberations presented to it by the Registrar. If a resolution passed by the Committee involves recommendations not covered by the original motion and the amendments to that motion on the Agenda of the meeting they shall not be considered by the Senate until notice of these has been given as required under Rule 24, and the meeting of the Senate shall be adjourned to allow such notice being given. A motion made as a result of the deliberations of such a Committee may be presented to the Senate without previous consideration by the Syndicate.

(5) *Adjournments, etc.*

46. A proposal " that this meeting be now dissolved " may be moved at any time as a distinct question but not as an amendment nor so as to interrupt a speech. If the motion is carried the business before the meeting shall drop.

47. A proposal " that the meeting be now adjourned " to some specified time, may be moved at any time as a distinct question but not as an amendment nor so as to interrupt a speech. The Chairman himself can however make such a proposal while a member is speaking. If such proposal be negatived the debate shall be resumed. The same rule will apply to the meeting of the Senate in Committee.

48. No amendment shall be moved to a proposal under last preceding Rule except one for substituting a different time for that to which it is proposed to adjourn the meeting.

49. A meeting renewed or continued after an adjournment is to be deemed one with that preceding the adjournment provided that if the meeting be adjourned to such date as to admit of the notice required under Rule 24, any amendments otherwise in order may be moved at any adjourned meeting if the notice so required is duly given.

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50. The motion " that the meeting pass to the next business on the statement " may be made at any time as a distinct question but not as an amendment nor so as to interrupt a speech. If such a motion be carried the proposal under consideration and the amendments thereto shall not be further dealt with at the meeting.

51. No motion for the dissolution or for the adjournment of the meeting or for the suspension of the sitting or to pass to the next business, shall be made or spoken to during the debate by any member who has spoken in the debate. Any such motion shall take the place of any question that may be before the meeting and if not withdrawn must be disposed of before such question.

52. When a motion of the class contemplated in the last preceding Rule has been brought forward and negatived no other motion of that class shall be again brought forward until after the lapse of what the Chairman shall deem a reasonable time, nor shall a debate be allowed on such second or subsequent motion brought forward during a debate on the same proposal alone or the same proposal or amendment discussed together.

(6) *Miscellaneous.*

53. On each proposal or proposals and amendment in debate a member may speak once in accordance with the provisions of Rules 39 and 51.

54. The member who is first up at the conclusion of a speech has the right to be heard. In cases of competition the Chairman shall decide.

55. The mover of an amendment or when there is no amendment the mover of the original resolution may reply upon the debate before vote is taken ; the mover of a motion for a dissolution or adjournment or for the suspension of the sitting or for the passing to the next business on the statement has, however, no right to reply.

56. No member shall speak to the question after the mover has entered on his reply.

57. The Chairman has the same right of moving or seconding a motion or amendment and of otherwise taking part in the debate as any other member. When the Chairman thus takes part in the debate he shall vacate the chair whilst he is addressing the meeting and the chair shall during such time be taken by the senior member present, not being the Chairman.

(7) *Points of Order.*

58. Any member may call the Chairman's attention to a point of order even whilst another member is addressing the meeting, but beyond stating the precise point of order raised,

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he shall not make a speech. Such a call pronounced by the Chairman to be vexatious and any interruption or obstruction to the progress of the business before the Senate pronounced by the Chairman to be unseemly or unreasonable shall be deemed a breach of order.

59. The Chairman shall be the sole judge on any point of order and may call any member to order and if the member so called to order shall in speaking disregard such call the Chairman may direct him to sit down and thereupon another member may speak. In the event of any contumacious disregard of a ruling or call to order by the Chairman he may request the member so offending to leave the meeting and on such requisition being made to a member by name, he shall be suspended from his functions as a member during the meeting and shall be bound immediately to withdraw.

(8) *Voting.*

60. On putting any question to the vote the Chairman shall call for an indication of the opinion of the Senate by a show of hands in the affirmative and negative and shall declare the result thereof according to his opinion.

61. Any six Fellows may demand a division except on a motion for which under Rules 24 and 44 previous notice is not required.

62. In every division only such members as are present at the putting of the question shall be entitled to vote. Voting papers will be supplied by the Registrar and every voting paper shall be returned with or without the vote.

63. When the Chairman announces the division to be closed the Fellows shall state in writing the number on each side, sign the statement and hand it to the Chairman together with the voting papers arranged in two separate bundles.

The Chairman shall then declare the result of the division to the meeting and the result shall be recorded in the minutes.

64. If after a division five members present demand a recount the Chairman shall appoint two or more members to act with the Fellows who shall report the fact to the Chairman, and the latter shall thereupon declare the result which shall be conclusive.

65. Pending the recount the Chairman may either suspend the sitting or call for such business as may in his opinion be most conveniently proceeded with. But on the disposal of the business thus entered on the regular order of subjects if it had been departed from shall be resumed.

(9) *Record of Proceedings.*

66. A journal shall be kept by the Registrar containing a brief abstract of the proceedings of the Senate. The journal shall be submitted as soon as possible after each meeting to the Chairman for his confirmation and signature.

67. Within three weeks after a meeting of the Senate, the Registrar shall, under the direction of the Syndicate, post a printed copy of the minutes of such meeting attested by the Chairman to the address of each member.

68. If no exception is taken by a member who was present at the meeting to the correctness of the minutes within ten days of posting by the Registrar they shall be deemed to be correct.

69. If any exception be taken within the time aforesaid the attention of the Chairman shall be called to the portion of the minutes objected to and he shall make such alterations as he may find to be necessary.

CHAPTER V.

THE SYNDICATE.

70. Two members of the Syndicate shall be nominated by the Council and the rest elected by the Senate.

71. Three members shall form a quorum.

72. The President of the Syndicate shall be nominated by the Council from among the Syndics.

73. It shall be the duty of the Syndicate :- -

(*a*) To order examinations in conformity with the Rule and fix dates for holding them.

(*b*) To fix the fees, emoluments, travelling and other allowances of Examiners and Moderators.

(*c*) To consider and make such reports or recommend such action as it deems fit on financial and business matters brought forward by the Members of the Senate and Faculties for consideration by the Senate.

(*d*) To prepare such forms and registers as are from time to time prescribed by the Rules.

(*e*) To make all the necessary arrangements for publication of the books, etc., brought out under the auspices of the University.

CHAPTER VI.

THE FACULTIES.

74. The Faculties shall be constituted every two years and the members will be elected by the Senate.

75.   The Dean of a Faculty shall hold office for two years till the next re-constitution of the Faculty.   He shall preside at the meetings of the Faculty.

76.   A Faculty shall have power :—

(a) To draft rules in regard to courses of study and examinations prescribed by the University and to lay such rules before the Senate in order that they may be brought before the Council for ratification.

(b) To remit any matter to a Board of Studies comprised within the Faculty for consideration and report.

(c) To consider any report or recommendation of any Board of Studies comprised within the Faculty.

(d) To hold meetings of the Faculty or a Committee of the Faculty along with any Faculty or a committee thereof for the discussion of any matter of common interest.

(e) To appoint Examiners and Moderators.

(f) To determine finally the results of the examinations on the recommendations reported by a meeting of all Examiners for each examination.

(g) To determine the award of stipends, scholarships medals, prizes and other rewards in conformity with the Rules and the conditions prescribed for their award.

(h) To determine courses of study and lists of text-books to be prescribed or recommended for study or translation.

CHAPTER VII.

THE BOARDS OF STUDIES.

77.   The following will be the Boards of Studies :—

English Literature.
Compulsory Theology.
Arabic Literature.
Sanskrit Literature.
Persian Literature.
Latin Literature.
Urdu Literature.
Marathi Literature.
Telugu Literature.
Kanarese Literature.
Tamil Literature.
French Literature.

History, including at least one member each for Indian History and Muslim History, and Political Science.

Economics and Sociology.

Mathematics.

Physical Science (Physics and Chemistry).

Natural Science (Geology, and Biology).

Mental and Moral Philosophy, including at least one member each for Muslim Philosophy and Hindu Philosophy,

Domestic Science.

78. A member of a Board of Studies shall hold office for two years and shall be eligible for reappointment.

79. No Board shall consist of more than seven or less three members. The head of the Department concerned will be an ex-officio member of the Board, and in addition to him, the Faculty may elect five members of the Board. The Senate may, if it thinks it necessary, elect a seventh. Three members will form a quorum.

80. Each Board shall elect its own Chairman.

81. Any Board may co-opt specialists who are not members of the Board. But such member will not be entitled to vote.

82. Members of the Boards of Studies shall be solely responsible for seeing that there is nothing in any book prescribed for study which is calculated to wound the religious sentiments of any section of His Exalted Highness' subjects, no exception however being taken to minor differences of opinion which are inevitable. There shall be at least one Musalman on the Boards conversant with the language and competent to express an opinion on the books from a religious and Islamic point of view. Rules for the guidance of the members of the Boards of studies shall be as follows :—

1. All books prescribed for study should be free from passages containing improper remarks concerning founders of religions or passages likely to cause offence to followers of any religion or prejudicial attacks on any religion.

2. Islamic religious books included in the curriculum to be entirely free of any teaching contrary to the established beliefs of Muslims.

3. But the following will not be held objectionable provided there is no unseemly attack on any religion :—

(a) *In books of Literature.*—

Verses in praise of wine, etc., showing a disregard

of *Shariat*   (مضامین رندانه)   and poetic fancies

(تخیلات شاعرانه)

(*b*) *In books of Philosophy.*—
Questions of Philosophy.

(*c*) *In books of History.*—

The religious ideas and narratives of the followers
of other religions or narratives of their achievements
from a historical point of view.

CHAPTER VIII.

FINANCE.

(1) *The Board of Audit.*

83.   The Board shall meet ordinarily once every month and
at other times when convened by the Vice-Chancellor.

84.   The Board shall examine and audit the University
accounts, the endowments and trust funds accounts, consider
ways and means and the financial effects of any important
measures in contemplation and make recommendations when
necessary to the Senate on all matters relating to the finance
of the University.   It shall also make an annual report to the
Senate on noteworthy points regarding the income and expenditure
during the last preceding year.   Copies of all reports and recom-
mendations of the Board of Audit shall be sent to the Council
by the Senate.   The Members of the Board shall have access to
all the accounts and other records of the University.

85.   Members of the Board shall hold office until the next
annual meeting of the Senate.   They shall be eligible for re-
appointment at the expiration of their term of office.   All
vacancies in the Board occurring in the course of the year shall
be filled up by the Senate.

(2) *Government Audit.*

86.   The accounts of the University shall be audited at least
once in every year and at intervals of not more than fifteen
months by auditors appointed by Government.

87.   The auditors shall for the purposes of their office have
access to all the accounts and other records of the University.

88.   The accounts when audited shall be published together
with the auditors report in such form as may be prescribed by
Government and a copy thereof shall be submitted to Govern-
ment.

CHAPTER IX.

Officers and Servants of the University.

89.   The Registrar will hold office during the pleasure of the Government but may be removed on the recommendation of a two-thirds majority of the members of the Council.

90.   It shall be the duty of the Registrar :

(a) To be the custodian of the records, library, common seal and such other property of the University as the Council shall commit to his charge.

(b) To attend as far as possible all meetings of the Senate and the Syndicate and any committees appointed by the Senate and to keep minutes thereof.

(c) To conduct the official correspondence of the Senate and the Syndicate.

(d) To issue all notices concerning meetings of the Senate, Faculties, Syndicate, Boards of Studies, Boards of Examiners and any committees appointed by the Senate, the Faculties, or any of the Boards of Studies.

(e) To conduct all the administrative duties of the Translation Bureau.

(f) To perform such other duties as may from time to time be prescribed by the Council and generally to render such assistance as may be desired by the Council in the performance of its official duties.

91.   The scale of establishment for the office of the University shall be fixed by the Council from time to time.

92.   The Registrar shall have power to fine, suspend and grant leave to all non-gazetted servants of his own office and make appointments up to Rupees 100.

CHAPTER X.

Examinations.

93.   No one shall be permitted to enter the University in order to study for the Intermediate Examination unless he has passed the   Matriculation Examination of this University or the School Leaving Certificate Examination or the Matriculation Examination of any other Indian or English University.

94.   No one will be admitted to join the University to study for the B. A. and other degrees unless he has passed the Intermediate Examinatin of this or   any other Indian or English University

(By order)
A. HYDARI,
SECRETARY TO GOVERNMENT,
Judicial, Police and General Departments.

7. SUPPLEMENTARY RULES.

I. Election of Members of the Syndicate by the Senate.*

The following procedure shall be adopted in the election of the members of the Syndicate by the Senate under Regulation 70.

1. The election shall take place at the annual meeting held in Amardad, or on such date as the Chancellor may appoint in this behalf.

2. Not less than ten days before the meeting the names of members who are proposed by any Fellow for election as members of the Syndicate shall be submitted in writing to the Registrar, who shall circulate the names to the members of the Senate at least four days before the meeting.

3. Each voter shall have only one vote for each vacancy and can give only one vote to any one candidate.

4. The election shall take place at the meeting of the Senate upon the date so fixed, and the voting shall be by ballot.

5. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N. B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

II. Election of Members of the Faculties by the Senate.†

The following procedure shall be adopted in the election of the members of the Faculties by the Senate under Regulation 74.

1. The election shall take place at the annual meeting held in Amardad, or on such date as the Vice-Chancellor may appoint on this behalf.

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad 1331 F.—9th April 1922).

† Received the assent of H.E.H.'s. Government on the 22nd Ardibehisht 1333 F. (26th March 1924).

2.   The Syndicate shall, in the first instance, draw up a list of persons whom they recommend for appointment to the various Faculties.   This list shall be circulated among the members of the Senate by the Registrar not less than sixteen clear days before the meeting.   Any member of the Senate may then propose additional names for any of the Faculties, which must be sent to the Registrar nine clear days before the meeting.   These names, together with the original list shall be circulated among the members of the Senate five clear days before the meeting and no additional names shall be received.

3.   At the meeting of the Senate, the entire list shall be voted on Faculty by Faculty, and every member shall be declared to be appointed who obtains votes from a majority of the members of the Senate voting for the Faculty under appointment.   The voting shall be by ballot.

In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Vice-Chancellor with whom the final selection shall rest.

III.   ELECTION OF TWO FELLOWS FROM THE MEMBERS OF THE FACULTIES.*

The following procedure shall be adopted in the election of two Fellows by the Senate from the members of the Faculties who are not already members of the Senate.   One of these members shall be elected from the Faculty of Arts and the other from the Faculty of Theology.

1.   Once in every year in the annual meeting of the Senate held in Amardad or on such date as the Chancellor may appoint on this behalf, there shall, if necessary, be an election to fill any vacancy among the two Fellows to be elected by the Senate from the members or the Faculties of Arts and Theology who are not already members of the Senate.

2.   Intimation of the date fixed for election shall be sent to the members of the Senate at least twenty-five days in advance together with a list of the members of the Faculties who are not members of the Senate and each Fellow shall, on receipt of the notice, be entitled to propose the name of one person from the list for appointment as a Fellow.   Such proposal must reach the Registrar fourteen clear days before the date fixed for election. The Registrar shall cause a list of the nominees to be printed and forwarded to the members of the Senate five clear days before the date fixed for election.

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad, 1331 F.—9th April, 1921).

3. The election shall take place at the meeting of the Senate upon the date so fixed, and the voting shall be by ballot.

4. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N. B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

IV. Election of two Fellows from the list of Registered Graduates.*

The following procedure shall be adopted in the election of two Fellows by the Senate from the list of registered graduates under Section 8 (4) (c) of the Charter of the Osmania University.

1. Once in every year in the annual meeting of the senate held in Amardad or on such date as the Chancellor may appoint in this behalf, there shall, if necessary, be an election to fill any vacancy among the two Fellows to be elected by the Senate from the list of registered graduates.

2. No person unless his name has been entered in the register of graduates and unless he has paid the fee for the year in which the election takes place shall be qualified to be elected at any election to be held under these rules.

3. Intimation of the date fixed for election shall be sent to the members of the Senate at least twenty-five days in advance together with a list of registered graduates and each Fellow shall on receipt of the notice, be entitled to propose the name of one person from the list for appointment as a Fellow. Such proposal must be accompanied by a brief statement of the special qualifications of his nominee and must reach the Registrar fourteen clear days before the date fixed for election. The Registrar shall cause a list of the nominees and of the statements to be printed and forwarded to the members of the Senate five clear days before the date fixed for election.

4. Each voter shall have only one vote for each vacancy and can give only one vote to any one candidate.

5. The election shall take place at the meeting of the Senate upon the date so fixed and the voting shall be by ballot.

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad 1331 F.—9th April 1922).

6.   Those who obtain the highest number of votes shall be declared elected.   In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

V.   REGISTER OF GRADUATES.*

The Register of Graduates to be kept under Section 8 (4) (c) of the Royal Charter shall be in such form as the Syndicate may from time to time decide.

1.   Any person belonging to any of the following classes who is ordinarily resident in the Dominions shall, subject to the payment of the prescribed initial fee, be entitled to have his name entered in the register on application :— -

(a) Any Master or Doctor of the University or of an Indian, British, Colonial or American University, recognised for the purpose by the Council.

(b) Any Bachelor of at least six years' standing of the University, or of an Indian, British, Colonial or American University recognised for the purpose by the Council.

(c) Any Maulvi Fazil, Maulvi Kamil or Munshi Fazil of the Dar-ul-Ulum of at least six years' standing.

2.   The initial fee payable by a graduate for having his name entered on the register shall be five rupees.

3.   The fee payable by a graduate for having his name retained on the register shall be two rupees a year.   Till such fee has been paid, no graduate shall be entitled to take part in any election or to enjoy any of the privileges conferred by the Regulations.

4.   A graduate whose name has been already entered on the register may at any time compound for all subsequent payments of the annual fee by paying the sum of twenty rupees.

5.   The name of any graduate entered on the register shall if the amount of the annual fee is not paid by the   30th of

* Approved by the Council of the University on the 18th Farwardi 1330 F., 19th February 1921.

Ardibahisht, be removed therefrom, but shall at any time be re-entered on payment of all arrears.

6. Registered graduates shall have, besides the right of electing two Fellows, the following privileges :—

(a) They shall be entitled to the use of the University Library and Membership of the University Union.

(b) They shall be admitted free to all lectures delivered by University Professors.

* (c) They shall have priority of admission to the Convocation over unregistered graduates.

VI. ACADEMIC ROBES.

Chancellor.

Green silk gown with gold lace and tufts.

Vice-Chancellor.

Green silk gown with silver lace and tufts.

Fellows.

Dark green Alpaca gowns of the same shape as worn by the Masters of Arts of the University of Oxford, together with sash.

Graduates.

Gowns ..	.. Dark green Alpaca gowns of the same shape as that worn by the Bachelors and Masters of the University of Oxford.
Head Dress ..	.. Cream coloured shamla.
Hoods—Arts ..	.. Yellow.
Theology	.. Green.
Science	.. Dark Green.
Medicine	.. Grey.
Law ..	.. Scarlet.
Education	.. Light Blue.
Engineering	.. Purple.

Messrs. Parfitt & Co., Allahabad, have been appointed Robe-makers to the University.

VII. RULES OF PROCEDURE TO BE FOLLOWED AT THE CONVOCATION FOR CONFERRING DEGREES.*

1. The Chancellor, the Vice-Chancellor and Fellows shall assemble in the Senate room at the appointed hour. In the absence of the Chancellor, the Vice-Chancellor shall preside.

* Received the assent of His Exalted Highness the Nizam on the 29th Rabi-us-Sani 1343 Hijri, (3rd Dai 1334 F.—17th November 1924).

2 The graces of the Senate on behalf of the candidates for admission to the several degrees will be supplicated by the Deans of the various Faculties in the following order : —

Theology.
Law.
Medicine.
Engineering.
Education.
Arts.
Science.

3. The formula to be used for each grace shall be as follows :—

" ....Chancellor, I move that a grace of the Senate be passed that those persons whom the Faculty of............on the reports of the Examiners has certified to be qualified for the degree of............ be admitted to that degree."

4. When all the graces have been passed the Chancellor, Vice-Chancellor and Fellows shall proceed in procession to the Hall in which the degrees are to be conferred.

5. The Chancellor and Vice-Chancellor shall appear in their official robes and the Fellows shall appear in the academic costume to which they are entitled in virtue of their degrees or in that prescribed for the Fellows of the University.

6. The candidates shall wear the gowns and hoods appropriate to their respective degrees and shall be arranged opposite to the Chancellor and the Vice-Chancellor.

7. On the procession entering the Hall, the candidates shall rise and remain standing until the Chancellor and the Vice-Chancellor and the Fellows have taken their seats.

8. The Chancellor, the Vice-Chancellor and the Fellows having taken their seats, the Chancellor or the Vice-Chancellor shall say : " This Convocation of the Osmania University has been called to confer degrees upon the candidates who have been certified to be worthy of these degrees. Let the candidates stand forward."

9. Then the candidates standing, the Chancellor or the Vice-Chancellor shall put to them the following questions to which the candidates will answer by the words " *I do promise.*"

Question 1.—Do you promise and declare that if admitted to the degrees for which you are severally candidates, and for which you have been recommended, you will, in your daily life and conversation, conduct yourself as becomes members of this University ?

Answer.— I do promise.

Question 2.—Do you promise and declare that to the utmost of your opportunity and ability, you will use your powers for the furtherance of true learning ?

Answer.— I do promise.

Question 3.—Do you promise and declare that, to the utmost of your opportunity and ability, you will use your powers in the service of your fellowmen ?

Answer.— I do promise.

Question 4.—Do you promise that you will faithfully and diligently fulfil the duties of the profession to which you will eventually belong and that you will on all occasions maintain its purity and reputation ?

Answer.— I do promise.

Question 5.— (*For the Faculty of Theology*). Do you promise and declare that to the utmost of your opportunity and ability, you will use your powers in the service of Islam and as a true Muslim ?

Answer.— I do promise.

10. The Chancellor or the Vice-Chancellor shall then say " Let the candidates be presented."

11. The candidates shall be presented in batches to the Chancellor or the Vice-Chancellor by the Deans of their respective Faculties, who shall say for each batch :—

" I present to you this (or these) candidate (or candidates)— read out names—and pray that he (or they) may be admitted to the degree of........................."

12. When all the candidates for the same degree have been presented the Chancellor or the Vice-Chancellor, in presenting the diplomas, shall say to the candidates who shall remain standing :—

" By virtue of the authority vested in me as Chancellor (or Vice-Chancellor) of the Osmania University, I admit you to the degree of...........in this University, and I charge you throughout your life, to prove worthy of this degree."

13. When all the candidates have been presented, the Registrar shall lay the record of the degrees that have been conferred before the Chancellor or the Vice-Chancellor, who shall affix his signature thereto.

14. The Chancellor, the Vice-Chancellor, a Fellow of the University or a distinguished guest shall then address the candidates.

15.   At the close of the address the Chancellor, the Vice-Chancellor and the Fellows shall rise, and the Chancellor or the Vice-Chancellor shall say : " I declare this Convocation dissolved."

16.   Then the Chancellor, the Vice-Chancellor and the Fellows shall retire in procession to the Meeting Room, the graduates standing.

VIII.— RULES FOR CONFERRING DEGREES BEFORE CONVOCATION.

The Registrar or Vice-Chancellor has been empowered by special legislation to confer the degrees on such graduates in the presence of the Principal and such members of the teaching staff as can be conveniently present after charging them to be of good behaviour, etc., who proceed to the European Universities before the Convocation, provided they have been recommended by the Faculties.

IX.   RULES FOR CONFERRING HONORARY DEGREES.*

1.   When the Vice-Chancellor and not less than two-thirds of the other members of the Council recommend that an Honorary Degree be conferred on any person on the ground that he is in their opinion by reason of his eminent position and attainments, a fit and proper person to receive such a degree and when the recommendation is supported by not less than two-thirds of the Fellows present at a meeting of the Senate and is confirmed by the Chancellor and by H.E.H. the Nizam on the recommendation of the State Executive Council, the Senate may confer on such person the Honorary Degree so recommended without requiring him to undergo any examination.

Provided that in cases of urgency the Chancellor may act on the recommendation of the University Council only.

2.   The Honorary Degrees which the University is empowered to confer shall be as follows.—

        1.   Ph. D.
        2.   D. Lit.
        3.   D. Sc.
        4.   LL. D.
        5.   D. Th. (Doctor of Theology).

3.   The Honorary Degrees shall be conferred by the Chancellor in the following words :—

* Received the assent of His Exalted Highness the Nizam on the 19th Shawwal 1344 Hijri (28th Khurdad 1335 F., 2nd May 1926)

"By the authority given me as Chancellor of this University, I admit you................to the Honorary Degree of......................this on account of your eminent position and attainments."

4. The academic dress for the degree of **LL.D.** shall be a gown of green silk with full sleeves with wide yellow facings. The hood shall be of scarlet silk lined with black velvet. The head-dress shall be a Dastar or a Shamla.

X. POWERS OF THE PRINCIPALS OF THE CONSTITUENT AND INTERMEDIATE COLLEGES.

1. The Principal shall be the supreme authority in all matters relating to the internal working of the College including the boarding-houses.

2. He shall have power to accept or refuse applications for admission to the College and to rusticate, expel or otherwise punish pupils.

3. He shall have authority to make all appointments of non-gazetted officers of the 2nd and 3rd grades in the College.

4. He shall have authority to grant short leave (casual and privilege) or leave on medical certificates upto 3 months in the aggregate to all members of the staff, but acting arrangements should be made by the Council; and all kinds of leave to non-gazetted officers whom he is empowered to appoint, and to make acting arrangements therefor.

5. Proposals for the appointment of officers of the Education Department as part-time lecturers in the Intermediate Colleges of the University should be submitted with the formal consent of the Director, Public Instruction.

6. He shall have authority to make temporary acting arrangements for a gazetted officer, whose absence from duty is due to illness or such other cause over which he has no control.

7. He shall have authority to suspend or dismiss his non-gazetted subordinates, whom he is empowered to appoint.

8. He shall be the only official channel of communication between the University authorities and the members of the staff.

9. He shall appoint to all scholarships reserved for the students of the College and have authority to reduce temporarily the amount of scholarship, to cancel any appointment to a scholar-ship, and if circumstances make it necessary, to redistribute the scholarship.

10. He shall have authority to grant casual holidays.

* Received the assent of His Exalted Highness the Nizam on the 12th Safar 1338 H., (1st Dai 1329 F.—6th November 1919).

7*

11. He shall have control over the libraries, laboratories and such other institutions in the College and shall have power to entrust the management of the aforesaid institutions to one or more members of the staff competent to run the institutions.

12. He shall have authority to spend all sums granted in the budget in accordance with the budget allotment and shall send in the bills direct to the Accountant-General for payment.

XI. POWERS OF THE PRESIDENT AND THE SECRETARY,

ENGINEERING COLLEGE.

POWERS OF THE PRESIDENT.

1. To determine, subject to the sanction of the Council, from time to time, the number of Professors, Asst. Professors, etc. and other members of the teaching staff and the office establishment.

2. To make all appointments of non-gazetted officers and of gazetted officers the average value of whose grade does not exceed Rs. 500.

3. To provide furniture and apparatus and other accessories needed for carrying on the work of the Engineering College.

4. To enter into, alter, and cancel contracts on behalf of the Engineering College.

5. To entertain, adjudicate upon and redress any grievance of the Professors, the teaching staff. the gruadates, the undergraduates and the Engineering College servants, who may for any reason feel aggrieved.

Note :—In the case of those Professors, Lecturers, etc., whose appointments are not within the powers of the President, this will be subject to appeal to the Council

6. To transfer any expenditure from one head to another within the budgeted allotment.

7. To sanction all kinds of leave to officers whose appointment is within his powers, and also to cancel the same : and in cases of emergency to sanction leave to other Gazetted Officers.

8. To sanction arrears of pay or travelling allowance due to an officer of the College upto two years, provided there is provision for the same.

9. To depute officers of the Engineering College to places not outside India to attend Scientific Conferences, to study the working of other Universities or to purchase stores or apparatus for the College or for any other purpose in the interests of the College, provided the expenses are paid out of its Budget.

10 To sanction the payment of full salary to an officiating officer, when the permanent incumbent avails of extraordinary leave.

7*

11. To commute absence without leave into leave of any kind to which an officer is entitled under the rules, provided the period of absence does not exceed six months.

12. To sanction furlough (rukhsat-i-khangi) upto a limit of 3 years for purpose of study irrespective of the length of their services to officers whom he is empowered to appoint.

13. To sanction holidays and vacations for the College and Office of the College, or to close the College and the office during epidemics.

14. To sanction extension in the services of Officers, whom he is empowered to appoint upto a limit of 60 years.

15. To spend all sums granted in the Budget allotment.

16. To be the supreme authority in all matters relating to the internal working of the College, including the Hostel.

17. To have control over the Libraries, Laboratories and the Workshop and such institutions in the College and to have power to entrust the management of the aforesaid institutions to one or more members of the staff competant to run the institution.

18. To appoint to all scholarships reserved for the students of the College and to have authority to reduce temporarily the amount of a scholarship, to cancel any appointment to a scholarship and if circumstanses make it neceesary to redistribute the scholarship.

19. To organise and regulate the finances, accounts and all other administrative work of the Engineering College.

Powers of the Secretary.

1. To accept or to refuse applications for admission to the College and to rusticate, expel or otherwise punish the pupils with the sanction of the President.

2. To make all appointments of non-gazetted officers in the clerical staff of the 2nd and 3rd grades in the college.

3. To grant all kinds of leave to non-gazetted officers whom he is empowered to appoint and to make acting arrangements therefor.

4. To suspend or dismiss non-gazetted subordinates whom he is empowered to appoint.

5. To be the only official channel of communication between the University authorities and the members of the staff.

Note : —This will not imply denial of right to the Professors of the College of direct access to the President.

6. He shall have authority to grant casual holidays.

	Matriculation Examination	Intermediate B. A. and other higher Examinations
	O.S. Rs per diem	O.S. Rs. per diem.
Chief Superintendents ..	10 0 0	10 0 0
Invigilators receiving a salary of below Rs. 50	2 0 0	..
Invigilators receiving a salary of Rs. 50—120	3 0 0	..
Invigilators receiving a salary of Rs. 121—200	4 0 0	Rs. 100-200 4 0 0
,, ,, over 200 ..	5 0 0	5 0 0
Peons	0 4 0	0 4 0

XIV. TRAVELLING AND HALTING ALLOWANCES.

The members of the Senate and other University Bodies residing in the mofussil shall be paid travelling and halting allowances at the following rates :—

(i) Single first class fare each way, and Rs. 10 per diem for days on which meetings are held.

(ii) Single third class fare each way for servants.

XV. DUPLICATES OF THE UNIVERSITY CERTIFICATES.

Duplicates of University Certificates or Diplomas shall not be granted except in cases in which the Syndicate is satisfied by the production of an affidavit or otherwise (duly certified by Head-master of a recognised High School, or Divisional Inspector or District Inspector of Schools of His Exalted Highness' Government or Principal, Osmania University College), that the applicant has lost his certificate or diploma, or that it has been destroyed. In such cases a duplicate of a certificate the original of which was signed by the Registrar, may be granted on payment of a fee of Rs. 5 ; and a duplicate of a certificate or diploma the original of which was signed by the Chancellor, on payment of a fee of Rs.10, and all such cases shall be notified in the Government Gazette.

XVI. MIGRATION AGE AND PROVISIONAL CERTIFICATE.

Migration and Provisional Certificates will be issued to the candidates on payment of the following fee :—

Migration Certificate :—

Rs. 2/- before admission to a College and Rs. 5/- after admission.

Age and Provisional Certificate. Re. 1/-

XVII. REGISTRATION FEE.

A registration fee of Rs. 10 shall be charged by the University from all students migrating to this University from other Universities or joining the University after obtaining a High School Certificate issued by a H. S. L. C. Board in British India.

XVIII. UNIVERSITY LOAN FUND.

1. That a sum of B.G. Rs. 25,000 be set apart for this Fund.

2. That only competent and brilliant members of the staff shall be eligible for loans for study in foreign countries, provided they have put in at least 5 years' service and their services can be spared by the Department concerned.

3. That the maximum amount of a loan shall be B.G. Rs. 10,000.

4. That loans shall be given on the security of two sureties who are men of substance in the State, approved for the purpose by the authorities of the University, or of Promissory Notes, Railway Shares, Mansabs, Insurance Policies (to the extent of $\frac{2}{3}$ of their surrender value) and immovable property ($1\frac{1}{2}$ of the value of the loan). *

5. That interest at the rate of $4\frac{1}{2}$ per cent. shall be charged on all advances made.

6. That the loan should be repaid at the rate of 25 per cent. of the salary for each month, the maximum period of repayment being 12 years.

* N.B.—(1) Persons who are entitled to a gratuity or to a pension are exempted from producing security as required under this rule provided that the amount of the loan does not exceed the gratuity or the capitalised value of the pension due.

(2) In calculating the capitalised value of the pension or the gratuity the period of the study leave can also be counted as effective service.

7. That the University shall not be responsible for giving any promotion on the basis of additional qualification secured.

8. That applicants for loans shall bind themselves to serve the University on whatever salary offered till the whole amount is repaid, and in case the applicant severs his connection with the University he or his sureties shall have to pay up in one lumpsum the whole amount remaining due.

9. That the loan will be paid in quarterly instalments, the first including passage money and B.G. Rs. 500 for outfit, which shall be paid after the agreement and surety bonds have been executed.

XIX. UNIVERSITY SCHOLARSHIPS.
Faculty of Arts.

Intermediate .. One of Rs. 20 per mensem to be given to the student standing first in the Matriculation Examination, and two of Rs. 15 per mensem each to the students standing second and third provided they pass the examination in the first division.

Eight of Rs. 15 per mensem each to the students standing first in the following subjects provided that they have passed in the first division in the subject and at least in the second division in the whole of the examination.

(1) English, (2) Theology, (3) Morals, (4) Arabic (5) Sanskrit, (6)* Elementary Mathematics, (7) *Higher Mathematics and (8) Science.

B. A. .. One of Rs. 25 per mensem to student standing first in the Intermediate Examination, and two of Rs. 20 per mensem each to students standing second and third provided they pass the examination in the first division. Twenty-one of Rs. 18 per mensem each to stundents standing first in the following subjects provided that they have passed in the first division in the subject and at least in the second division in the whole of the examination :—

English, Theology, Morals, Mathematics, Physics, Chemistry, Biology, Urdu, Arabic, Persian, Sanskrit, Economics, Sociology History of Islam, History of England, History of India, Logic, Psychology, Marathi, Kanarese, and Telugu.

M. A. .. Two of Rs. 40 per mensem each to the student standing first in the Arts and Science sub-

*To candidates who pass under the New Rules.

jects respectively in the B.A. Examinations, provided they pass the Examination in the first division.

Ten of Rs. 30 per mensem each to the students standing first in the following subjects respectively, provided that they have passed in the first division in the subject and at least in the second division in the whole of the Examination :—

English, Arabic, and an allied subject, Persian and an allied subject, Sanskrit and an allied subject, History, Philosophy, Physics, Chemistry, Biology and Mathematics.

Eleven Research Scholarships of Rs. 75 per mensem each for Arabic, Persian, Urdu, Philosophy, English, Kanarese, Telugu, Marathi, Physics, Fiqah and Hadis.

Faculty of Theology.

Intermediate . One of Rs. 20 per mensem to the student standing first in the Matriculation Examination and one of Rs. 15 to the student standing second provided they pass the examination in the first division.

One of Rs. 15 per mensem to the student standing first in Arabic provided he has passed in first division in the Subject, and at least in the second division in the whole of the examination.

B. A. .. One of Rs. 25 per mensem to the student standing first in all the subjects in the Intermediate Examination, and passing the examination in the first division.

One of Rs. 20 per mensem to the student who stands second in all the subjects and also passes the examination in the first division.

Five of Rs. 18 per mensem to the students standing first in Arabic, Fiqah and Usul-i-Fiqah, Hadis and Kalam provided they have passed in the first division in the Subject and at least in the second division in the whole of the Examination.

M. A. .. One of Rs. 40 per mensem to the student who stands first passing the B. A. Examination in the first division.

Faculty of Engineering.

1st year $\begin{cases} \text{Two of Rs. 30 per mensem each} \\ \text{Two of Rs. 25} \qquad ,, \qquad ,, \end{cases}$

2nd year $\begin{cases} \text{Two of Rs. 30} \qquad ,, \qquad ,, \\ \text{Two of Rs. 25} \qquad ,, \qquad ,, \end{cases}$

3rd year $\begin{cases} \text{One of Rs. 35} \qquad ,, \qquad ,, \\ \quad ,, \qquad ,, \quad 30 \qquad ,, \qquad ,, \end{cases}$

4th year—Two apprenticeships of Rs 150 per mensem each.

Faculty of Medicine

Fifteen scholarships of Rs. 17 per mensem each for male students.

Bursaries.

Faculty of Arts

Intermediate : Twenty of Rs. 10 p. m. each for two years.
Day Scholars Rs. 6.
Boarders Rs. 10.

B. A. :   Twelve of Rs. 11 p. m. each for two years.
Day Scholars Rs. 8.
Boarders Rs. 12.

M. A. :   Eight Bursaries of Rs. 20 per mensem each for two years.

Faculty of Theology.

Intermediate : Seven of Rs. 10 p. m. each for two years.
B. A. :   Three of Rs. 12 p. m. each, for two years.
M. A. :   One of Rs. 20 for two years.

FOR FEMALE STUDENTS :—

Faculty of Medicine.

Five Bursaries of Rs. 17 per mensem each.
Three Bursaries of Rs. 40 per mensem each.
Twelve Bursaries of Rs. 30 per mensem each.

XX. RULES FOR THE DEPUTATION OF MEMBERS OF THE STAFF OF THE UNIVERSITY TO MEETINGS OF LEARNED BODIES:—

(1) In making selections preference will be given to those who read papers at Conferences to those who do not.

(2) Travelling and halting allowances should be paid according to the Civil Service Regulations. In case of persons going to places out of India, the Committee will make recommendations with special reference to the country visited.

(3) Delegation may be sent usually to the following Conferences, but it will be opened to the Committee to decide, as to which Conferences Delegates should be sent in a particular year :—

    (1) Indian Science Congress.
    (2) Indian Philosophical Conference.
    (3) All-India Oriental Conference.
    (4) Indian Economic Conference.
    (5) Indian Historical Record Commission.
    (6) Indian Medical Research Workers' Conference.
    (7) Inter-University Board.

(4) Conferences should be given formal intimation of the names of the delegates sent by the University.

XXI. University Extension Lectures.

1. Lectures shall be arranged by a Board which will be constituted every two years, and for the present consist of the following with powers to co-opt :—

Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur.
D. P. I., H.E.H. the Nizam's Dominions.
Principal, O. U. College.
Principal, Medical College.
Secretary, Engineering College.
Registrar, Osmania University.
Prof. E. E. Speight.
Prof. H. K. Sherwani.
Prof. Qazi Md. Husain.
Prof. M. Qureshi.

2. Arrangements for delivering extension lectures shall be made in consultation with the Principals of the various Colleges for one extension lecture being delivered every academic year on each of the following subjects :—

Engineering, Medicine, Biology, Physics, Chemistry, Mathematics including Astronomy. History, Urdu, Persian, Arabic, Philosophy, Law, Sanskrit, Telugu, Marathi and Kanarese.

3. Not more than 12 extension lectures shall be delivered annually during the last two weeks of each term. Written copies of the lectures, which will ordinarily be in Urdu, should be deposited with the Registrar, and published in book form so as to reach a wider audience.

4. Foreign scholars may be invited to deliver lectures on the recommendation of this Board. The lectures delivered shall be the property of the University and shall not be published without its permission. The lecturers shall be paid only their remuneration sanctioned for the lectures and the University will not be responsible for the boarding, halting or other charges.

8. THE UNIVERSITY COLLEGE.

Staff.

Principal *Offg.* .. Muhd. Abdul Rahman Khan B.A. (Madras)
B. SC. A.R.C.S. (London).

FACULTIES OF ARTS AND SCIENCE.

BIOLOGY.

Professor   ..   Sayeeduddin, B.SC. (Bom.), M.A., (Edin).
  (*Incharge*)   (Botany).
Do   ..   Dr. B. K. Das, D.SC., (London) (Zoology)
Asst. Professor ..   Abdul Bari, B.SC., (Bom.). (on study leave)
Do   ..   Muhammad Rahimullah, B.SC., (Alig.).

CHEMISTRY.

Professor   ..   Muzaffaruddin Qureshi, M.SC., PH.D. (Berlin)
Do   ..   Sayyid Husain, B.A., M.SC., PH.D. (London)
Asst. Professor ..   Mahmud Ahmad Khan, B.SC., (Allahabad).
Do   ..   Qazi Muinuddin, M. SC. (Osmania) PH. D.
       (London).
Do   ..   Vacant.
Demonstrator ..   Mr. Nazir Ahmad Tahir, M.SC., (Osmania),
Do   ..   Illindla Sita Ram Rao, B.A. (Osmania) M.SC..
       (Dacca).
Do   ..   Khalilur Rahman M. SC,

ECONOMICS AND SOCIOLOGY.

Professor   ..   Muhammad Elias Burney, M.A., LL.B.,
       (Allahabad).
Asst. Professor ..   Habib-ur-Rahman, M.A., LL.B., (Allahabad).
       B. SC. (Hons.) (London).
Do   ..   Sayyid Jafar Hasan, PH.D. (Heidelberg).

ENGLISH.

Professor   ..   Hosain Ali Khan, B.A., (Oxon.)
Do   ..   E. E. Speight, B.A., (London).
Do   ..   Sayyid Abdul Latif, PH.D., (London).
Do   ..   T. Virabhadrudu, M.A., L.T. (Madras).
Asst. Professor ..   S. D. Ramchandran, B.A., L.T., (Madras)
Do (Part-time) Salahuddin M.A. (Dacca.)

HISTORY.

Professor   ..   Haroon Khan Sherwani, M.A., (Oxon.)
Do   ..   Mirza Ali Yar Khan, B.A., (Oxon) on Special
       duty. Dr. Ibn-e-Hasan *Acting.*
Do   ..   Md. Jamilur Rahman, M.A, (Punjab).
Asst. Professor ..   K. C. Roy Saksena, M.A., (Allahabad).
Do   ..   Ibn-e-Hasan, M.A., (Allahabad). PH. D. (Lon-
       don). Yusuf Husain Khan D. LITT., (Paris).
       (*Acting*)

Asst. Professor ..   Dr. Ishwarnath Topa, Ph. D. (Freiburg).
Do   ..   Abdul Majid Siddiqi, M.A., (Osmania).

LANGUAGES (ANCIENT AND MODERN).

Professor   ..   Abdul Haq, B.A., (Urdu).
Do   ..   A. H. M. Nizamuddin, D. PHIL (Cantab.)
                 (Persian).
Do   ..   Abdul Haq., B.Litt.. D. PHIL.. (Oxon)
                 (Arabic).
Asst. Professor..   Sayyid Ghulam Nabi (Arabic).
Do   ..   Saif bin Sultan Husain-Al-Qaiti, M.A., LL.B.,
                 (Arabic).
Do   ..   Sayyid Ibrahim (Arabic).
Do   ..   Abdul Hamid Khan (Persian).
Do   ..   Sayyid Sajjad Husain,M.A.,(Allahabad) Ph. D.
                 (London) (Urdu)
Do   ..   Qari Sayyid Kalimullah Husaini, M.A., LL.B.,
                ..   (Osmania), Ph.D., (London), (Persian)
Do   ..   Ghulam Muhiuddin Qadri M.A.,(Osmania)
                 Ph.D. (London). (Urdu).
Do   ..   Latif Ahmad Faruqi, M.A., LL.B. (Osmania).
                 (Persian).
Do   ..   Abdul Qadir Sarwari, M.A. (Osmania). (Urdu).
Do   ..   T. Ram Rao, B.A., (Madras). (Kanarese).
Do   ..   R. Subba Rao (Telugu).
Do   ..   Hari Har Shastri,   (Sanskrit).
Do   ..   G. Dhareshwar, B.A., (do   )
Do   ..   C. N. Joshi M.A., (Marathi).
Lecturer   ..   Yusuf Husain Khan D. Litt (Paris). (French).
Do   ..   Sayyid Jafar Hasan Ph.D., (Heidelberg).
                 (German).

MATHEMATICS.

Professor   ..   Qazi Muhammad Husain, B.A., LL.B.,
                 (Cantab.), M.A. (Punjab).
Do   ..   Kishen Chand, M.A., (Cantab.).
Asst. Professor..   Shaikh Barkat Ali, M.A., (Osmania).
Do   ..   M. Raziuddin Siddiqi, B.A. (Osmania). B.A.,
                 (Cantab.)Ph.D. (Gottingen).
Do   ..   Khawja Muhiuddin, M.A., (Madras).
Do   ..   *Vacant.*

PHILOSOPHY.

Professor   ..   Khalifa Abdul Hakim, M.A., LL.B., Ph.D.,
                ..   (Heidelberg).
Asst. Professor ..   Abdul Bari.
Do   ..   Mir Valiuddin, M.A., Ph.D., (London).

Asst. Professor .. Motazid Waliur Rahman, M.A., (Punjab).
Do .. Shiv Mohan Lal, M.A., (Alig).
Do .. Salahuddin, M.A., (Dacca).

PHYSICS.

Professor .. Muhammad Abdul Rahman Khan B.A. B.SC.
(London) A.R.C.S.
Do .. Wahidur Rahman, B.SC., (Calcutta).
Do .. Vacant.
Asst. Professor.. Nasir Ahmad, M.A., B.SC., (Allahabad).
Do .. Vacant.
Do .. Sayyid Muhammad Ali Khan, B.SC., (Hons.)
(London), A. R. C. S.
Demonstrator .. Sayyid Abdul Rahman, B.A., (Osmania).
Do .. Muhammad Yunus Vafaqani B.A., (Osmania)
M.SC., (Dacca).
Do .. Murtanji Rao M.SC. (Osmania).
Do .. Sayyid Ahmed Qadri, B.SC. (Hons) (Manchester
THEOLOGY.

Asst. Professor .. Maulvi Manazir Ahsan Gilani

MORALS.

Asst. Professor .. Qari Qutbuddin B.A. (Egypt.) (Offg.)

FACULTY OF MUSLIM THEOLOGY.

Professor .. Abdul Qadir.
Asst. Professor .. Zahiruddin Ahmad, D. Litt., (Egypt.)
(Philosophy of Islam).
.. Mufti Abdul Latif (Quran).
.. Muhammad Osman Jafari (Islamic Law).
.. Maulvi Liaqat Husain Qadri M.A. (Osmania)
Officiating) (Hadith).
.. Abdul Qadir M.A. (Logic).
.. Fazal Ahmad (Tafsir).
.. Abdul Muqtadir (Fiqah).

FACULTY OF LAW.

Professor .. Hosain Ali Mirza, Bar -at-Law.
Do .. Mir Siadat Ali Khan, M.A., LL.B. (Osmania).
Ph. D.,B.C.L. (Oxon).
Asst. Professor . Mir Akbar Ali Musavi, B.A., LL.B.,
(Bombay).
Part-time Lecturers Akbar Ali Khan, B.B., LL.B. (London).
Bar.-at-Law.
Khaliluz Zaman, Bar.-at-Law,

Terms.

July to December and January to April.

Fees.

Intermediate	..	Rs. 60 per annum.
B.A.	..	Rs. 80	do
M.A. or M. Sc.	..	Rs. 100	do
LL.B.	..	Rs. 80	do

Hostels.

Four hostels are attached to the College. The cost of living is about Rs. 180 per annum.

Library.

Librarian   ..   Yusufuddin Ahmad Siddiqi, B.A.

The English and Oriental sections contain 30,067 volumes including 957 Mss. The staff and students of the University have also access to the Asafia Library, containing a large number of Mss. and rare books.

Number of Students.

	Faculty of Arts	Faculty of Theology	Faculty of Science	Faculty of Law
1st Year	158	13	..	..
2nd Year	178	5	..	..
3rd Year	49	3	44	..
4th Year	94	5	37	..
5th Year (M.A.) ..	17	..	..	..
6th Year ,, ..	4	1	..	..
5th Year (M.Sc.) ..	..	..	11	..
6th Year (,,) ..	..	..	2	..
LL.B. (Previous) ..	..	..	..	60
,, (Final) ..	..	..	..	27
Research (1st. year) ..	..	..	..	..
,, (2nd. year) ..	3	..	..	..
Total ..	511	27	94	87

Subjects taught.

English, Muslim Theology, Morals, Arabic, Persian, Sanskrit, French, German, Urdu, Marathi, Telugu, Kanarese, History (India, England, Islam, Ancient, Medieval and Modern Europe), Economics, Sociology, Mathematics, Physics, Chemistry, Biology, Logic, Philosophy and Law.

Laboratories.

Physical and Chemical, fitted up to the M. Sc. standard, and Biological fitted up to the B. Sc. standard.

9. WOMEN'S COLLEGE.

Principal.

● Miss Amina Pope, M.A., D. Litt. (All.), L.R.A.M., A.R.C.M.,
S.C.A.A. (Port).

Lecturers.

English	..	Miss H. Gilson, B.A., L.T., (Madras).
Economics	..	Mrs. Gibbs, B.A.
Chemistry and Biology	..	Mrs. Sundaram, B.SC., (Allahabad).
Persian and Morals	..	Mrs. Muhammad Ali.
Arabic	..	Naushabah Khatun, B.A., (Osmania).
Islamic History and English History	}	Nurunissa Begum, B.A., (Lucknow).

Part-time Lecturers.

Jafari Begum.
Afsar Sultana Begum.
Miss Chattopadhya, B.A., L.T. (Madras).
Miss Adolphus, B.A., L.T.
Mrs. Douglas Pulleyne, F.R.G.S.

Subjects taught.

English.
Theology.
Morals.
Urdu.
Arabic.
Persian.
Indian History.
Islamic History.
English History.
Economics.
Physics.
Chemistry.
Biology.

10. INTERMEDIATE COLLEGES.

(1) THE CITY INTERMEDIATE COLLEGE.

Principal.

Sayyid Muhammed Azam, M.A., B.SC. (Cantab.).

Lecturers.

English .. Ghulam Muhammmad Ali, M.A.. (Madras)(acting)
Ataur Rahman. B.A. (Bom). Trained in Lon..
(Day Training College.)

Arabic and ⎫
Theology ⎭ .. *Syed Nabi (Maulvi Fazil).

Theology .. *Abdul Qaiyum Khan, M.A., LL.B , (Edin.)
Morals .. *Yusuf Ali, M.A. (Alig.)
Persian .. *Syed Muhammad, M. A.. (Osmania).
*Ali Raza Shirazi.
Urdu .. Abu Zafar Abdul Wahid, M.A.

History & ⎫ ..
Economics ⎭ Khwaja Muniruddin, M.A. (Osmania)
Mir Mahmud Ali, M.A. (Osmania)

Mathematics .. V. N. Patwari, M.A. (Osmania)
Physics .. Muhammad Ahmad Osmani, M.SC. (Alig.)
Chemistry .. Ahmad bin Abdulla, B.A.

Subjects taught.

English.
Muslim Theology.
Morals.
Persian.
Urdu.
History.
Economics.
Mathematics.
Physics.
Chemistry.

(2) THE AURANGABAD INTERMEDIATE COLLEGE.

Principal.

Sayyid Muhiuddin, B. A., Bar-at-Law.

Lecturers.

English .. John Bhaktul, B.A., (Mad). B.T. (Cal).

Urdu, Morals & ⎫
History of India ⎭ Ghulam Taiyab, B.A., (Osm) L. T., (Dacca).

Persian & Arabic. Agha Muhammad Taqi.

 * Part-time Lecturer.

8*

Sanskrit & Marathi Bhaskar Govind Shastri.

Economics and ⎱ Sayyid Wahajuddin Ahmad, B.A., (Alld). B.T.
Urdu ⎰ (Dacca).

English History ⎱ Muhammad Ibrahim, M.A. (Alig).
& Indian History ⎰

Physics .. Azizur Rahman, M.SC. (Dacca).
Chemistry .. P. N. Srikishen, M.SC. (Alig).
Mathematics .. Muhammad Ahmad, M.A. (Alig).

Part-time Lecturers,

Theology .. Syed Ahmad.

Theology and ⎱ Abul Khair Muhd. Sabir.
Arabic ⎰

Sanskrit & Hindi Vansidhar.

Subjects taught.

English.
Theology.
Morals.
Economics.
History.
Arabic.
Persian.
Urdu.
Marathi.
Sanskrit.
Physics.
Chemistry.
Mathematics.

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(3) THE WARANGAL INTERMEDIATE COLLEGE.

Principal.

Abdul Aziz Khan, B.A.

Lecturers.

English .. P. R. Sebastian, B.A.
History .. Mir Zainulabedin, M.A., B.T.
Economics .. Ahmad Abdul Aziz, M.A., (Alig). (Part-time)
Mathematics .. A. V. Gopal Rao, M.A.
Chemistry .. Inayat Khan, M.SC., (Osmania).
Physics .. Muhammad Fazluddin, M.SC., (Alig).
Muslim Theology. Muhammad Yaqubur Rahman, (Part-time).
Morals .. Abdul Latif, (Part-time).
Telugu .. B. Srinivas Rao, B.A. (Part-time).
Sanskrit Venkat Ramna Charlu, (Part-time).

Subjects taught.

English.
Theology.
Morals.
Economics.
History.
Mathematics
Physics.
Chemistry.
Telugu.

(4) THE GULBARGAH INTERMEDIATE COLLEGE.

Principal.

Syed Zulfaqar Ali Haqqani. B.A., B.T.

Lecturers.

English	..	A. Malikarjan Rao, M.A., (Madras).
History	..	Saiduz Zaman, M.A., (Alig)
Chemistry	..	Muhd. Vazir Ahmed Quraishi, M.A., (Alig).
Physics	..	Muhd. Zakiuddin Quraishi, M.SC., (Osmania)
Mathematics	..	Akbar Ali, M.A., (Osmania).

Part-time Lecturers.

Urdu & Persian .		Nasiruddin, B.A., C.T.
Arabic Urdu ⎫ Persian and ⎬ Theology ⎭		Muhammad Hamid Siddiqi.
Arabic	..	Syed Habib Hyder.
Persian	..	Mir Jehangir Ali.
Marathi	..	P. D. Shenderker, B.A., LL.B.
Marathi and ⎫ Sanskrit ⎭		H. N. Dharwadker.
Kanarese	..	Bhimsin Rao, M.A., (Osmania).
Economics	..	Mir Abu Talib, M.A., (Alig).
Do	..	Ahmed Husain Khidwai M.A., (Alig.).

Subjects taught.

English.
Arabic.
Persian.
Urdu.
Marathi.
Kanarese.
Sanskrit.
Theology.
History,
Economics.
Mathematics.
Physics,
Chemistry.

11. MEDICAL COLLEGE.

Principal.

Lt. Col. Farhat Ali, B.A., M.B., ch.B., (Edin.).

Professors.

S. W Hardikar, M.D., (Edin). (Materia Medica and Pharmacology).

Brij Mohan Lal, B.A., M.B., B.S., M.SC. (London) (Anatomy).
Syed Abdul Rahman, M.B., ch.B., (Edin.), (Physiology).
Mufti Shah Nawaz, M.B., B.S., (Pathology). (Acting).

Asst. Professors.

S. P. Sahagal, M.B., B.S. (Bombay). (Anatomy).
Abhyankar, M.B., B.S. (Bombay) (Physiology).

Demonstrators—(Temporary).

P. V. Runga Reddy, L.C.P. and S. (Bombay) (Anatomy).
Yaswant Rao, L.M. & S., (Pathology)
C. D. Nagaratnam, L.M. & S. (Materia Medica & Pharmacology).
Sayyid Abid Husain, L.M. & S., (Physiology).

Pharmocological Chemist.

M. Ghaus Muhiuddin, M.SC., (Alig.) (on deputation).

Part-time Professors.

Mirza Hasan Ali Khan, M.B., ch.B., (Edin.) (Medicine and Cl. Medicine).
R. N. Coorlawala, F.R.C.S., (Lond.) D.P.H. (Cantab.) (Cl. Surgery).
V.R. Gorakshakar, B.A., (Madras) M.B., ch.B. (Edin.) (Cl. Medicine)
Khurshid Husain, M.B.ch.B., (Surgery).
Abdul Rahim, B.A., M.B. ch. B., (Opthalmology).
L. D. Khatri, M.B., B.S., (Bombay), L.R.C.P. (Lond.),M.R.C.S. (Edin.) D.T.M.D.P.H. (Lond.) F.R.F.P.S. (Glas.) (Hygiene).
Major M. R. W. Hart, M.R.C.S., L.R.C.P., M.B.E., (Midwifery and Gynœcology).
Capt. Mudan Gopal Sanichar, I.M.S., F.R.C.S.E., (Medical Jurisprudence).

12. ENGINEERING COLLEGE.
President.
Nawab Ali Nawaz Jung Bahadur, F.C.II.
Secretary.
M. D. Gadgil, B.A.,L.C.E.
Professors.
Samiullah Shah, B.A.,B. SC. (Hons.)(Manchester.)(Civil Engineering)

R. K. Nariman, A.C.II., M.I.C.E., M.I.E., F.R.E S., F.I.C.S., F.R.G.S.
(Construction).

S. P. Raju, B.A. (Madras). B. E., (Poona) Doctor of Engineering
(Munich), (Hydraulics).

Lecturers.
P. K. Ghosh, B. sc. (Calcutta), B.A.. (Cantab.). F.R.C.S. (London),
(Surveying).

Muhammad Hafizullah, B.SC. (Allahabad). (Drawing).

Vacant. (Applied Mechanics).

Syed Muhammad Abbas, B. sc. (Allahabad) (Geology).

Ziauddin Ansari, M.A. (Osm.). B.SC. (Hons.) (Manchester).
(Civil Engineering)

Mechanical Engineer.
Abdullah Hasan, B.SC., (Allahabad).

Demonstrator (Electric Engineering.)
Muhammad Afzal Ali Khan, B.SC., (Calcutta), B.SC. (Manchester),
A.M.I.M.E., A.M.I.E.E.

Rules of Admission, Etc.
Candidates seeking admission to the College for the B.E.
Degree are required :--

    (a) To be not under 18 or above 22 years of age.

    (b) To produce a health certificate from a Gazetted
Government Medical Officer of rank not below that of
a Civil Surgeon, to the effect that the candidate is fit
for out-door work of the Public Works Department
and that he has had small-pox or has been vaccin-
ated.

    (c) To have passed the Intermediate Examination of a
recognised University taking the following subjects:

    (i) Mathematics.

    (ii) Physics.

    (iii) Chemistry.

    (iv) English.

(d) To produce testimonial of good character.

(e) To sign a declaration form that he will observe the regulation of the University in the College.

(f) To possess satisfactory knowledge of Urdu language. The numbers of students admitted yearly is limited to 20.

Preference will be given to subjects of the Hyderabad State (Residents of Berar being considered subjects of His Exalted Highness the Nizam). The final selection will be made by the President of the College on the general capabilities of the applicants, who may, if necessary, hold a competitive examination for admission.

Applications should reach the Secretary not later than 10th Amardad of any year, on prescribed forms, which can be obtained from the Secretary of the College.

After the commencement of the Session, students can only be admitted on special grounds, with the sanction of the President ; but no student will be admitted after the last day of Shahrewar.

Attendance and Conduct.

Students are required to attend with regularity the courses for which they have entered. In cases of absence, a written notice should be sent at once to the Secretary, accompanied by a medical certificate in cases of illness likely to be prolonged.

Students arriving late for a lecture or Laboratory class will not be registerd as having attended.

Students who have not attended regularly or who have absented themselves without the permission of the Secretary from the Terminal or Sessional Examination of any class will not be entitled to the certificate of attendence at that class. (Such certificates of attendance are required to admit a student for the Degree Examination of the University).

The President, on the recommendation of the Secretary, may exclude a student from the College and refuse to re-admit him of his progress in studies has not been satisfactory or his conduct has been deemed objectionable.

Fees.

The fee for registration for admission shall be Rs. 5 which will in no circumstances be refunded.

A registration fee of Rs. 10 shall be charged by the University for all students migrating to this University from other University.

The tuition fee payable in advance by students while at the College shall be :—

Sessional rate   100

Instalment rate (9)   12

Students will have to provide their expenses for survey and other excursions.

A breakage deposit of Rs. 50 will have to be paid by each student at the time of joining College each Session.

The cost of any articles broken or damaged by any student and of repairing any damage to property, will be deducted from his breakage deposit, the balance of which will be returned one month after the close of the Session. Students will also be held liable for damage beyond the amount of the deposit and may also be held jointly responsible for the damage which is not traceable to any one individual.

Students who are exempted from any subject or subjects in the Part I Examination will have to pay the full examination fee. All payments shall be made to the Registrar through the Secretary, Engineering College.

A contribution of Rs. 12 per annum shall be made by each student to the College Athletic Club.

Sessions and Terms.

The Session will commence on the 1st Saturday in Shahrewar, or, if the same be a holiday, on the first working day following. Students will be enrolled on the day previous to the opening of the Session.

The Session is divided into the following terms : -

Winter Term :—Commencing on 1st Saturday in Shahrewar and ending on the 2nd Thursday in Bahman of the following year.

Summer Term :—Commencing on 1st Saturday in Isfandar and ending on last Thursday in Ardibehisht.

Every student must provide himself at his own cost with drawing instruments, drawing board, T. squares, etc. Surveying instruments will be supplied free of cost while at the College.

Lockers will be provided for the students in the drawing offices at a charge of Rs. 2 per Session. The locker key may be obtained on a deposit of Rs. 2 which will be refunded on return of the key.

Residence of students.

Students of the Engineering College desiring to live at any of the University College Hostels should apply to the Principal, Osmania University College through the Secretary, Engineering College.

Scholarships.

A limitted number of scholarships will be offered every year to deserving students. Particulars of scholarship may be obtained from the Secretary of the College.

Exemptions.

Graduates in Physics may be exempted from attending the classes in that subject, and graduates in Mathematics may be exempted from attending the 1st year classes in Mathematics but in all cases they will have to satisfy the examiners in their respective examinations.

Examinations.

College examinations will be held at the end of each term in the subjects taught during that term..

13. TRAINING COLLEGE.

Principal.

Muhammad Sajjad Mirza. M.A.. (Cantab.). E r (London).

Lecturers.

Malik Sardar Ali, B. A., B. T. (Psychology, Principles of Education and Child Education.)

Mir Ahmad Ali. M.A.. M. Ed. (Leeds) Bar.-at-Law. (History of Education, Comparative Education and Method of Teaching History.)

D. D. Shenderker. B.A., B.T., T.D.. Ph. D. (London) School Organization, Educational Tests and Teaching of Mathematics and Science.)

Part-time Lecturers.

Mahbub Ali Tahir. M.A.. M.Ed. (Leeds) (English).
Abdul Aziz, B.A.,B.T., (Dacca), (Mathematics).
Riazuddin Khan, B.A.. B.T., (Alig.) (Geography .
Dr. Latif Sayeed, M.B.Ch.B. (School Hygiene).

14. THE BUREAU OF TRANSLATION.

The Bureau of Translation which was opened in Aban 1326 Fasli with Maulvi Abdul Haq Sahib as Curator has so far taken in hand 468 books of which 179 have been published and the rest are either in the Press or under revision and translation. Arrangements are now being made to translate books on various subjects required by post-graduate students and for the Faculties of Medicine and Engineering.

The staff of the Bureau consists of one Curator (500—1,000), 12 Translators (6 on 350—600 and 6 on 250—400) in addition to a Literary Adviser (500) and a Religious Censor (500). The Department of Medical Translations consists of an Assistant Curator (300) and 3 Translators (350-600) each and 3 Translators (500) each. Besides the salaried staff a large number of works is being translated by outsiders on piece-work.

The following gentlemen are on the staff at present :—

Curator ..	..	Muhammad Enayatullah, B.A.
Assistant Curator, (Medical Branch).	..	Lt.-Col. Farhat Ali, B.A., M.B., ch.B.
Religious Censor	..	Abdullah Emadi.
Literary Adviser	.	Shabbir Hasan Khan Josh.
Translators :—		
History	..	Sayyid Hashimi.
Political Science	..	Qazi Talammuz Husain, M.A.
Law	..	Masood Ali, B.A.
Philosophy	..	Ehsan Ahmad, B.A.
do	..	Abdul Quddus, M.A. (Osmania).
Mathematics	..	Naziruddin, M.A. (Osmania).
Economics	..	Rashid Ahmad, B.A.
Arabic	..	Sayyid Muhammad Ibrahim, M.A., M.O.L.
do (Additional)	..	Abul Khair Maududi.
Science	..	Sardar Baldev Singh, B.A.
History	..	Muhammad Abdul Sattar, M.A. (Osmania).
Persian	..	Fida Ali Talib.
Medicine	..	Fazle Karim Khan, M.B., B.S.
do	..	Muhammad Osman Khan, L M. & S.
do	..	Sayyid Mukhtar Husain, B. sc., M. B., B.S. (Temporary).
do	..	Ghulam Dastagir, M. B., B. S. (Temporary).
do	..	Muhammad Husain, M. B., B. S. do
do		(Vacant)

15. THE DAIRAT-UL-MAARIF.

The Dairat-ul-Maarif was founded by the late Nawab Imadul Mulk Bahadur (Syed Husain Bilgrami, C.S.I.) and the late Mulla Abdul Qayyum Sahib in 1295 Fasli for the publication of rare books in Arabic. It commenced its work in 1299 Fasli with a grant of Rs. 500 per mensem from His Exalted Highness' Government. Subsequently in 1329 F. an endowment of one lac of rupees was made over to the Institution and in 1331 F., His Exalted Highness was graciously pleased to sanction an additional grant of Rupees four lacs and this total endowment Rupees five lacs brings an annual income of Rs. 30,000.

The Institution was placed under the control of the University on the sad death of Nawab Imadul Mulk Bahadur on the 2nd Thir 1335 F.(24th Zikadah 1344 H.). Dr Nawab Sir Hydar Nawaz Jung Bahadur, Finance Member, Executive Council, is now the Chairman of the Executive Committee with whom the management rests and Nawab Mahdi Yar Jung Bahadur is the Secretary. This Committee is helped by a literary Committee which assists it in selecting books for publication, etc. The staff consists of a Superintendent, an Asst. Superintendent, and six Arabic scholars who edit the texts and correct proofs. They are helped in their work by the noted European Orientalist Mr. Kreukow, who secures for the Institution copies of rare books in the British Museum and other European libraries ; besides correcting texts, reading proofs, etc. The total number of Arabic books published by this institution is 76, but some of them are in four to twelve volumes. Its publications are in great demand not only in India but in Egypt, Arabia, Afghanistan and Europe.

16. THE NIZAMIAH OBSERVATORY.

General.—The history of the Observatory dates from the time the late Nawab Zafar Jung Bahadur presented to the Government two fairly large telescopes, which he had originally purchased for his private use during his sojourn in Europe. When the matter of the bequest was before the Government Sir A. Hydari (Nawab Hydar Nawaz Jung Bahadur) the then Financial Secretary, now Minister of Finance, in a long note on the subject, referred to the importance of the gift and emphasised the unique opportunity that had been thus afforded for the establishment of an Observatory at Hyderabad, for the cultivation of the science of astronomy. The suggestion was adopted, and on H.H. the Nizam graciously sanctioning the scheme, it was decided to establish a fully equipped observatory with the two telescopes as a nucleus. Mr. Chatwood was appointed Director in 1908 and soon after his arrival in Hyderabad, he selected a suitable site for the Observatory and promptly started the construction of the necessary additional buildings for the accommodation of the instruments and of a small workshop. The photographic equatorial was erected by the beginning of 1910 when the formal dedication of the Observatory took place. There was some delay in commencing regular work with this telescope as some of the parts had to be returned to England for necessary alterations and a suitable following telescope had to be constructed afresh. By the time Mr. Chatwood's term of office expired in March 1914, he had made a commencement with regular astronomical observations and had also given an efficient training to a small staff of assistants. Mr. Pocock succeeded to the Directorship and vigoroulsy pushed on the astronomical work that the Observatory had undertaken, with the result that substantial progress was achieved in all branches under his direction. His death occurred in October 1918 and by that time two volumes of results were collected and published. In November 1919, the Observatory was transferred to the Osmania University and placed under the administrative control of the University Council.

Equipment.—The principal equipment of the Observatory consists of :—

(1) An 8″ photographic telescope with accessories.

(2) A 15″ visual telescope equatorially mounted (the erection of this instrument was carried on in 1922-23 under the supervision of the present Director).

(3) A 2¾″ Transit Instrument and a drum chronograph.

(4) Three astronomical clocks and two chronometers.

(5) A set of Electric Transmitting Pendulums and dials to operate in connection with them.

To these have recently been added two Milne-Shaw Seismographs now temporarily erected in the basement room of the Astrographic Equatorial house.

Astronomical work.—At the time the Observatory was established, it was felt that whatever work is carried on at the institution should form part of a systematic plan and should possess considerable scientific value. Instead of diverting attention among a number of individual isolated researches, the policy of the Observatory had been to adopt a middle course, by carrying on, as a routine programme some outstanding piece of work, in which the co-operation of the institution would to some extent contribute to the general advancement of science at the same time without losing sight of the number of special investigations that arise having a bearing on the central subject. When the Observatory was ready to start on regular work it was recommended by the eminent astronomers, Sir David Gill, Prof. Turner and others, that this institution can advantageously co-operate in the great international undertaking entitled the " Carte du Ciel." As the Government was willing to accede to this recommendation, a section originally assigned to a South American Observatory, but neglected owing to some adverse circumstances was allotted to the Nizamiah Observatory. The region is now very nearly complete and the preliminary results of the whole section have been published.

With the Grubb Equatorial erected in 1923, a start has been made with the regular observation of a few variable stars, specially near their minima when observations with this telescope, on account of the larger light gathering power, are particularly valuable.

The Transit Instrument is employed for determining clock corrections systematically and when the necessary apparatus is required, it is proposed to control the time gun at Hyderabad by means of signals from the Observatory Standard Clock.

Daily records are obtained with the Seismograph since September 9, 1923. The results are fowarded to the International Seismological Association.

Since 1929 September, daily observations of upper air conditions by means of pilot balloon flights have been included in the programme of work in co-operation with the India Meterological Department.

Publications.—The Hyderabad Astrographic Catalogue, Vols. to VII forms the most important among the publications of

the Observatory. Several short papers, now numbering about fifty dealing with matters of technical interest have been published in various periodicals.

Library.—A small working library is in course of formation and contains at present about 1,000 volumes. A part consists of publications of other observatories received as exchanges.

Staff.—The establishment consists of three assistants and nine computers, besides a clerk and a mechanic.

Mr. T. P. Bhaskaran. M.A., F.R.A.S., is the present Director.

17. RULES AND SUBJECTS FOR EXAMINATIONS.

FACULTY OF ARTS.

Matriculation Examination.

1. The Matriculation Examination shall be held once a year at Hyderabad, Aurangabad, Gulburga, Warangal and Bhopal at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : —

(i) All those who have satisfactorily prosecuted a regular course of study for this examination at one or more High Schools recognised by the Osmania University. Such candidates shall be named *pupil candidates.*

(ii) All those who have studied privately either in the Dominions or outside for this examination, provided that they shall not have attended any high school recognised by the University for not less than six months prior to the date of the examination.

(iii) All those who have passed the Maulvi or the Munshi Examination of His Exalted Highness the Nizam's Government, or of the Punjab University up to the year 1906. Such students will have to appear in English only and in the case of those who have passed in the Munshi Examination, in Islamic Theology or Morals also, on passing in which subject or subjects they will be considered to have passed in the whole of the examination.

3. No candidate shall be admitted to the Matriculation Examination unless he shall have completed the age of fifteen years by the first day of Shahrewar (July) of the year in which he applies for admission to the examination.

4. Applications for admission to the examination in the form prescribed must reach the Registrar not less than two months before the commencement of the examination, accompanied by a fee of Rs. 10 in the case of pupil candidates, Rs. 15 in the case of candidates referred to in Rule 2 (ii), and Rs. 5 in the case of candidates referred to in Rule 2 (iii).

5. Pupil candidates must submit the following certificates from the Head-master of the school where they last studied together with their application for admission : ·

(1) Certificate of attendance stating that the student has attended school in the Matriculation class for not less than 60 per cent. of the working days during the school year immediately preceding the examination.

(2) Certificate of good character and good conduct at school.

(3) Certificate of age in accordance with Rule 3.

(4) Certificate of progress in the subjects of study.

In cases recommended by the Head-master, the Syndicate may for sufficient reasons condone deficiency in attendance not exceeding 31 days. When a student has studied in two or more schools during the school year immediately preceding the examination, his combined attendances in all schools attended by him during the period will be taken into account in determining his attendance.

6. Candidates referred to in Rule 2 (ii) must submit the following certificates from the Head-master of a Government High School recognised by this University :—

(1) Certificate stating that the student has passed a Test Examination held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

(3) Certificate of age in accordance with Rule 3.

7. Candidates referred to in Rule 2 (iii) must, in addition to the original certificate showing the examination passed on the basis of which application is being made, submit the following certificates from the Head-master of a Government High School recognised by this University :—

(1) Certificate stating that the candidate has passed a Test Examination in English and Theology or Morals, held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

(3) Certificate of age in accordance with Rule 3.

N. B.—Teachers from the recognized schools of the University will be exempted from passing a test Examination provided they produce a certificate from the Divisional Inspector of Schools stating that the candidate is eligible for admission to the matriculation class and that he is expected to get through.

8. Candidates who have once been duly permitted to appear at this examination are entitled to appear at any subsequent Matriculation Examination as private candidates under Rule 2 (ii) and (iii) on production of certificates (1) and (2) mentioned above.

9. On receipt of the application and the fee prescribed and the necessary certificates, the Registrar shall, at least a fortnight before the examination cause to be furnished to the candidate a receipt for the fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate when called for.

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10. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee.

11. The Matriculation Examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions :—

1. European Languages   .. Ordinarily in English.
2. Sanskrit, Prakrit or Pali .. In the language itself or in English or in Urdu.
3. Modern Indian Vernaculars In the language itself or in Urdu.

N. B.—In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set, and candidates will be expected to answer in that same language unless by a previous arrangement with the Registrar, they have been permitted to answer in any of the alternative languages above specified.

12. The examination will be held in the following subjects:—

A. COMPULSORY.

1. English.
2. Urdu. (Questions on Grammar to be practical and of easy nature. Essays should be on the subjects of every day interest.)
3. Elementary Mathematics.
4. Elementary Science.
5. Indian History and General Geography of the world.
6. Theology or Morals.

B. OPTIONAL.

One of the following subjects :—
1. A Classical Language.
2. A Modern Language.
3. English History.
4. Algebra and Geometry.
5. Commerce.
6. Domestic Science (for girls only).
N. B.—Only those candidates will be admitted to the Intermediate Mathematics Classes, who have taken Algebra and Geometry as their optional subjects.

*C. SCHOOL SUBJECTS.

1. Drawing.
2. Physical Training.
3. Manual Training.
* There will be no University examination in these subjects but the teaching will be Compulsory, and candidates will not be admitted to the Matriculation Examination unless they produce certificates of having satisfactorily completed courses of studies prescribed for these subjects. (Vide Appendix.)

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A. COMPULSORY SUBJECTS.

(1) ENGLISH.

There shall be two papers in English each of $2\frac{1}{2}$ hours' duration. The first paper (100 marks) will be on the Detailed Texts, Grammar and Idiom The second paper (100 marks) will be as follows.—

	Marks
Composition and Translation from Urdu	.. 70
Non-Detailed Texts ..	.. 30

(2) URDU.

There will be two papers each of two hours' duration in this subject; the first paper (50 marks) will be on the prescribed texts and the second will be on Grammar (20 marks) and Composition (30 marks)

(3) ELEMENTARY MATHEMATICS :—
There will be two papers of $2\frac{1}{2}$ hours' duration each.

Paper I.	Arithmetic ..	.. 30 marks.
	Algebra ..	.. 20 ,,
„ II.	Practical Geometry	.. 30 ,,
	Mensuration ..	.. 20 ,,

*(4) ELEMENTARY SCIENCE :—
There will be one paper of 3 hours' duration carrying 100 marks. The paper shall be divided into sections A (Physics) and B (Chemistry), 50 marks will be assigned to each section.

* Candidates are expected to perform at least 10 experiments in a year and have a record of their practical work regularly initialled by the teacher in charge. No candidate shall be allowed to appear for the Examination unless he has produced a full record of his practical work. But there shall be no examination in practical science.

(4) HISTORY AND GEOGRAPHY.

Two papers each of two hours' duration will be set :—
1st Paper—History of India .. 50 marks
2nd Paper—General Geography of the World
with special reference to India.. 50 marks

(5) THEOLOGY OR MORALS.

There will be one paper (100 marks) of three hours' duration in this subject.

N. B.—Examination in Theology or Morals shall be regarded as qualifying examination and the marks gained by a candidate in the subject shall not be included in the grand total of the marks ; but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

B. OPTIONALS.

1. A Classical Language :—
   (a) Arabic, (b) Sanskrit (c) Persian.

<div align="center">or</div>

2. A Modern Language (Except Urdu) :- -
   (a) Marathi, (2) Telugu (3) Kanarese.
   There will be two papers in each of these languages, of two hours' each. The first paper will be on the prescribed Texts (60 marks) and the second paper will be on Grammar and Translation carrying 40 marks.

<div align="center">or</div>

3. History of England :- -
   There will be one paper of three hours' duration carrying 100 marks.

<div align="center">or</div>

4. Algebra and Geometry :—
   There will be one paper of three hours' duration carrying 100 marks :—

Algebra	.. 40 marks.
Geometry Practical ..	.. 20 ,,
Geometry Theoretical	.. 40 ,,

<div align="center">or</div>

5. Commerce :—
   There will be two papers each of $2\frac{1}{2}$ hours' duration carrying 50 marks as detailed below :—
   Paper I Elementary book-keeping.
     ,, II Commercial Practice.

<div align="center">or</div>

6. Domestic Science :—(for girls only)
   There will be one paper of 3 hours' duration carrying 100 marks.

13. Successful candidates who obtain 60 per cent. of the aggregate marks shall be placed in the First Class.

Successful candidates of First Class shall be arranged in order of proficiency as determined by the total number of marks obtained. The Second and Third Classes shall be arranged in the serial order of their roll numbers.

14. For a pass in the Second Class candidates should secure either,

(a) 35 % in English.,

and 35 % in any three of the following subjects and 30 % in the remaining two:—

1. Urdu.
2. Elementary Mathematics.
3.   ,,   Science.
4. Indian History and Geography.
5. A Classical language, or a Modern language, or English

History or Algebra and Geometry, or Commerce or Domestic Science.

or (b) 35 % in English,

35 % in a Classical language or a Modern language, or English History, or Algebra and Geometry or Commerce or Domestic Science, and

35 % in any two of the following subjects and 25 % in the remaining two :—

1. Urdu.
2. Elementary Mathematics.
3. „ Science.
4. Indian History and Geography.

provided that in order to take advantage of this alternative the candidates secure an aggregate of 35 % of the total marks.

15. For a pass in the Third Class a candidate should secure 30 % in English and 30 % in three of the following subjects, 25 % in the remaining two and an aggregate of 30% :—

1. Urdu.
2. Elementary Mathematics.
3. „ Science.
4. Indian Histroy and Geography.
5. A Classical language, or a Modern language or English History, or Algebra and Geometry or Commerce or Domestic Science.

The pass percentage in Theology and Morals shall be 30 per cent.

If a candidate fails to pass in the examination, he may reappear at any subsequent examination in those subjects only in which he has failed to secure 30 % marks. He will be declared to have passed the examination under the compartment system if he secures 30 % marks in each subject, but such candidates will not be eligible for admission to the University. This rule will also apply to those candidates who appeared under the new rules in 1342 Fasli. Such candidates will be exempted from attendance and appearing at the test examination.

Girl candidates, however, who pass under this rule will be eligible for admission to the college till 1347 F.

15. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination the subjects in which he was examined and the division in which he was placed.

17. The Registrar shall maintain and publish for general information, a list of High Schools recognised by the University.

Intermediate Examination.

1. The Intermediate Examination shall be held once a year in Hyderabad, at such time and on such date as the Syndicate may prescribe.

2. The Examination shall be open to :

(*i*) All Matriculated Students of the Osmania University who have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

(*ii*) All those students who have matriculated at any of the Indian Universities or obtained the High School Leaving Certificate or passed any other such examination as the University may from time to time consider equivalent, and who have been admitted as undergraduates of the University, and have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

N.B.—(*a*) Students who have obtained a High School Leaving Certificate of His Exalted Highness' Government under the old rules can be admitted to a college of the Osmania University only at the discretion of the Principal.

(*b*) Students who have passed the examination under the new rules of the High School Leaving Certificate Board taking Urdu either as an additional language or for vernacular composition will be admitted automatically, while those who have not taken Urdu in either of these ways will be admitted on their satisfying the Principal as to their knowledge of Urdu for which test no fee will be charged.

(*c*) Students who have obtained the certificates issued by the High School Leaving Certificate Board in the various Provinces of the British India, will be admitted to the Osmania University in case they are eligible for admission to a University of the Province to which they belong and can satisfy the Principal as to their knowledge of Urdu.

(*iii*) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a college of the Osmania University and who have been permitted under Regulation 3 below, to reckon a previous year of study at a college of any University recognised for the purpose by the University.

3. Any student may be admitted into the second year class of a college of the Osmania University provided he produces a certificate from the Principal of the college he was last attending, (affiliated to any of the Universities recognised by the University), stating that the first year at college has been duly kept by him according to regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the second year class of that college.

4. No candidate from a college of the University will be permitted to present himself at the Intermediate Examination in any Science subject, for which a practical course is necessary

under these rules, unless he shall produce a certificate from the Principal of such college to the effect that he has completed the required course in the college laboratories. In the case of candidates in Science subjects under Regulation 5 of these rules, evidence must be produced that the candidate has completed the required course at a laboratory approved of by the University.

N. B.—Private Candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should therefore ascertain, from the Registrar, before applying for permission, whether regular students of the University are taking up those subjects.

5. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination :—

(*a*) Inspecting Officers of State Educational Department and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspector of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*b*) Laboratory assistants serving in a college of the University, provided that they produce from the Principal of the college in which they are employed, the certificate of laboratory work required from all Science candidates under regulation 4, and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*c*) Whole-time librarians serving in the library of any constituent college or the Asafia Library or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed, of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*d*) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Matriculation Examination or its equivalent.

6. Candidates from the colleges of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as

private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In case they change any of their subjects they shall be required to put in fresh attendance in the college in the subject or subjects they have changed.

7. Application of private candidates for admission to the examination, in the form prescribed, must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 20.

8. In the case of college candidates, applications for admission and certificates of attendance in the prescribed form together with a fee of Rs. 20 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer and which can satisfy the Principal.

9. Upon the receipt of the application and the fee prescribed and also the attendance and progress certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall, if called for.

N. B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

10. The Intermediate Examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions :—

(1) European Languages	Ordinarily in English.
(2) Sanskrit, Prakrit or Pali	In the language itself or in English or in Urdu.
(3) Modern Indian Vernaculars	In the language itself or in Urdu.

N. B.—In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set and candidates will be expected to answer in that language unless by a previous arrangement with the Registrar they have been permitted to answer in any of the alternative languages above specified.

11. The subjects for examination and the arrangements of the papers to be set in the different subjects shall be as follows :—

I. ENGLISH—Three papers

In English there will be three papers each of three hours' duration, one on Detailed Prose texts (100 marks), one on Poetry (65 marks) and Non-Detailed Prose texts (35 marks) and a third paper (100 marks) on Composition, Unseens and Translation.

II. Any three subjects from either of the following two groups :-

GROUP A.

NOTE (1)—Under this group only the following combinations of subjects shall be allowed—

   •   A.   Logic, Psychology, and a Classical Language or Economics of Sociology.

        B.   (a) A Classical Language, Modern Language, and one of the following.

                English History.
                Indian History.
                Islamic History
                Economics.
                Sociology.

N.B.—Persian to be treated as a Classical language.

           (b) Arabic. Persian, and either Islamic History or Indian History,

   * C.   (a) English History.

           (b) One of the following :—
                Islamic History.
                Indian History.
                European History.

           (c) A Classical Language, (Arabic, Persian and Sanskrit) Marathi or Telugu or Economics or Sociology.

 * Candidates offering these combinations only will be allowed to take History for their B. A. Examination.

 † Only those candidates will be allowed to take up History of Indian Culture at their B. A. Examination who have offered Indian History for their Intermediate Examination.

(1) ENGLISH HISTORY.—Political and Constitutional. 1066 to the present day.

Two papers each of three hours' duration will be set which will include questions on historical geography :—

Paper I.—1066 to 1488 (general knowledge of the development of the constitution up to 1066).

Paper II.—1485 to the present day.

(2) ISLAMIC HISTORY.—From the birth of the Prophet up to the end of the Moorish Empire in Spain and the decline of the Fatemide Caliphate.

Two papers each of three hours' duration will be set which will include questions on historical geography :—

Paper I.—The Prophet, first four Caliphs and Omeyades.

Paper II.—Abbasides, Muslim rule in Spain and the Fatemide Caliphate.

(3) INDIAN HISTORY (with special reference to the History of the Deccan).

Two papers each of three hours' duration will be set which will include questions on historcial geography :—

Paper I.—Up to the year 1526 A. D.
Paper II.—From 1526 to the present day.

(4) ANCIENT EUROPE (Greek History up to the Roman Conquest and Roman History up to 476 A. D.)

Two papers each of three hours' duration will be set which will include questions on historical geography :

Paper I.—Greek History, up to 146 B. C.
Paper II.—Roman History, up to 476 A. D.

(5) MEDIEVAL EUROPE, 476 to 1453.

Two papers each of three hours' duration will be set which will include questions on historical geography : -
Paper *I.*—476 to 1096.
Paper *II.*—1096 to 1453.

(6) MODERN EUROPE (1453 onwards).

Two papers each of three hours' duration will be set which will include questions on historical geography : -
Paper *I.*—1453 to 1789.
Paper *II.*—1789 to the present day.

(7) ECONOMICS.
There shall be two papers in Economics, each of three hours' duration.
Paper *I.*—General Economics.
Paper *II.*—Indian Economics.

(8) SOCIOLOGY.
There shall be two papers in Sociology each of three hours duration :—
Paper *I.*—Theoretical Sociology.
Paper *II.*—Practical Sociology.

(9) One of the following Modern Languages :
Urdu, Persian, Marathi, Telugu, Kanarese, French and German.

Two papers each of three hours' duration will be set in each of these languages. The first paper (100 marks) will be on the prescribed text-books. The second paper (100 marks) on Grammar, Composition and Translation will consist of an essay and questions on composition and pieces of Urdu prose for translation into the language selected.

In Urdu the distribution of papers will be as follows : -

Paper *I.*—Prose	50 marks.	
Poetry	40	,,
Non-Detailed	10	,,
Paper *II.*—Grammar, Prosody, etc.	25	,,
Composition	50	,,

Paper *II.*— (*Continued*)   Marks

    Translation from Urdu into
        Hindi   15 ,,

    Translation from Hindi into
        Urdu   10 ,,

(10) One of the following Classical Languages :—

    Arabic. Persian (unless already taken under 9), Sanskrit, Latin and Greek.

    Two papers each of three hours' duration will be set in each of these languages. The first paper (100 marks) will be on the prescribed text-books. The second paper (100 marks) in all the languages except Arabic will be on Grammar and consist of pieces of Urdu prose for translation into the languages selected.

    The division of the marks in Arabic 2nd paper well be as follows :—

        Grammar   ..   .. 40 marks.

        Translation from Arabic into Urdu 30 ,,

        Translation from Urdu into Arabic 30 .,

    Questions on non-detailed texts in Arabic will be set in paper II.

(11) Logic.—Deduction and Induction.
    There will be two papers in Logic each of three hours' duration.

    Paper *I.*—Deductive Logic

    Paper *II.*—Inductive Logic

(12) Psychology.

    There will be two papers in Psychology, each of three hours' duration.

    Paper *I.*—Problems and Methods of Psychology, Psychological Organism and Nervous System, Sensation, Perception, Discrimination and Association, Attention, and Habit.

    Paper *II.*—Rest of the subject.

GROUP B.

(1) Physics.

    There will be two papers in Physics each of three hours' duration.

    Paper *I.*—General Properties of Matter, Heat and Sound
                                75 marks.

    Paper *II.*—Light, Electricity and Magnetism. 75 ,,

There will also be a Practical examination of three hours' duration for which 50 marks will be assigned.

(2) CHEMISTRY.
There will be two papers in Chemistry each of three hours' duration.

Paper *I.*—General Chemistry and Organic Chemistry
75 marks.

Paper *II.*—Metals and Non-Metals   75 ,,
There will also be a Practical examination of four hours' duration for which 50 marks will be assigned.

(3) BIOLOGY.   Marks.

			Marks.
BOTANY.—Paper I. Theoretical	..	$2\frac{1}{2}$ hours	60
Paper II. Practical	..	2 hours	40
ZOOLOGY.—Paper I. Theoretical	..	$2\frac{1}{2}$ hours	60
Paper II. Practical	..	2 hours	40

N.B.— In order to secure a pass the candidate shall have to obtain 30 per cent. of the full marks in the subject and a minimum of 20 per cent. in each of the branches, *viz.*, Botany and Zoology.

(4) MATHEMATICS.
There will be 3 papers in Mathematics each of three hours' duration and will be divided into two sections, a certain minimum number of questions being compulsory from each section. Choice of questions to the extent of 40 per cent. may be allowed.

Paper I.   *Marks.*
   Algebra ..   ..40 ⎫
                         ⎬80 Marks.
   Trigonometry   ..40 ⎭
Paper II.
   Geometry—Plane & Solid ..40 ⎫
                         ⎬60 Marks.
   Geometrical Conics   ..20 ⎭
Paper III.
   Analytical Geometry   ..30 ⎫
                         ⎬60 Marks.
   Calculus   ..   ..30 ⎭

         Total   ..   200 Marks.

III. THEOLOGY OR MORALS.
There will be one paper of three hours' duration in this subject, carrying 100 marks.

N.B.—Examinations in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subjects shall not be included in the grand total of the marks ; but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at the Examination.

12. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. of the full marks in each subject. Should a candidate, however, not obtain 30 per cent. of the full marks in *one subject only*, he shall be declared to have passed the examination, provided he secures not less than 30 per cent. in that subject and makes an aggregate of 40 per cent.

13. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in the serial order of their roll numbers.

14. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

15. For the purposes of the Compartment System, the examination shall be divided into the following two groups :—

(1) English.

(2) Optional subjects.

A candidate passing in any one of these groups shall be exempted from appearing in that group at a subsequent examination, provided that he has secured not less than 35 per cent. of the marks in the aggregate and that in the group in which he fails he makes an aggregate of not less than 25 per cent. But the candidate who so fails to pass only in one group shall be allowed, if he so desires, to appear for the whole of a subsequent examination.

The results of candidates taking the option of appearing in the whole examination in a subsequent year, will be adjusted solely on the merits of the subsequent examination.

No candidate shall be classed unless he has passed in the whole examination at one attempt.

Candidates who appear in a subsequent Examination in the group in which they failed in the previous examination, will be required to secure 33 per cent. of the marks in each subject of the group.

B. A. Examination.

1. The examination for the degree of Bachelor of Arts shall, be held once a year in Hyderabad, at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : –

(1) All students who have satisfactorily completed a regular course of study in a college of the University for not less than two academic years after passing the Intermediate Examination of the Osmania University or an examination or test accepted by the University as equivalent thereto.

(2) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a college of the Osmania University and who have been permitted, under Regulation 3 below, to reckon a previous year of study since passing the Intermediate Examination or its equivalent at a college of a University recognised for the purpose by the University.

3. Any student may be admitted to the final class of a college of the Osmania University, provided he produces a certificate from the Principal of the college (affiliated to any of the Universities recognised by the University) he was last attending, that the penultimate year of his degree course at college has been duly kept according to the regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the final class of that college.

4. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination : --

N.B.—Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should therefore ascertain, from the Registrar, before applying for permission, whether regular students of the University are taking up those subjects.

(*a*) Inspecting Officers of the State Educational Department and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspector of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*b*) Whole-time librarians serving in the library of any constituent college, or the Asafia Library or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(c) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

5. Candidates from a college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In case they change any of their subjects they shall be required to put in fresh attendance in the college in the subject or subjects they have changed.

6. Applications of private candidates for admission to this examination, in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 30.

7. In the case of college candidates, applications for admission and certificates of attendance and progress in the prescribed form together with a fee of Rs. 30 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeing 6% lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer and which can satisfy the Principal.

8. Upon the receipt of the application and the fees prescribed and also the attendance certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate, a receipt for each fee received, which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

N.B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

9. The B. A. Examinations shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions :—

(1) European Languages	Ordinarily in English.
(2) Sanskrit, Prakrit or Pali,	In the language itself, or in English or in Urdu.

(3) Modern Indian   In the language itself or in Urdu.
Vernaculars.

N. B.—In the case of these exceptions. the Registrar will, six months before the date of the examination, notify the language in which the paper will be set, and candidates will be expected to answer in that language unless by a previous arrangement with the Registrar they have been permitted to answer in any of the alternative languages above specified.

10.   The subjects for examination are as follows :—
I. English.
II. One of the following schools :—
(a) Languages.
(b) Mathematics.
(c) History.
(d) Philosophy.

III. Theology or Morals.

I.   *English :—*
4 papers as follows :—   Marks
(i) Detailed Prose   ..   80 ⎫
    History of Literature   ..   20 ⎬ 100
(ii) Detailed Poetry   ..   80 ⎫
     History of Literature   ..   20 ⎬ 100
(iii) Essay   ..   ..   75 ⎫
      Unseens   ..   ..   25 ⎬ 100
(iv) Non-Detailed Texts   ..   70 ⎫
     Translation from Urdu into English 30 ⎬ 100

NOTE.—(1) Questions on the History of Literature will be compulsory.
(2) No candidate shall be admitted to the B. A. Examination unless the Head of the Department of English certifies that he has written at least 25 essays during the two years' B.A. course. This certificate will not be required in the case of Private candidates and Ex-students.

II.   (a) *Languages :—*
One of the following Classical Languages :- .
Arabic.
Persian with Elementary Arabic.
Sanskrit.
Latin.
Greek.

AND one of the following Modern Languages :—
Persian (unless already taken), with Elementary Arabic.
Urdu with Hindi Bhasha.
Telugu.
Marathi.
Kanarese.
French.
German.

A knowledge of the history of the language and literature in the languages selected will be required.
There will be three papers in each of the two languages selected.

CLASSICAL LANGUAGES :—

The first paper in Arabic and Sanskrit will be on Prose (75 marks) and History of Literature (25 marks) ; the second paper will be on Poetry (75 marks), and Rhetoric and Prosody (25 marks) ; and the third paper will be as follows :—

ARABIC :—Translation from Arabic into Urdu. ..40 marks.
Translation from Urdu into Arabic ..40 ,,
Grammar .. .. ..20 ,,

SANSKRIT :—Translation from Sanskrit into Urdu 35 marks
Translation from Urdu into Sanskrit..35 ,,
Grammar .. .. ..30 ,,

PERSIAN :—

The arrangement of the first and second papers in Persian will be the same as of those in Arabic and Sanskrit. The third paper will be as follows :—

Translation from Urdu into Persian .. ..30 marks.
Composition .. ..40 ,,
Arabic Grammar .. .. 12⎱ 30 marks
Translation from Arabic into Urdu. 18⎰

MODERN LANGUAGES:—

The first and second papers in Modern Languages will be the same as in Arabic and Sanskrit, but the first paper in Urdu will contain a question on precis-writing which would carry not less than 10 marks.

The distribution of marks in the 1st and 2nd papers in Telugu and Kanarese will be as follows :—

Paper I   Prose   ..   ..   ..50 marks.
              Drama   ..   ..50 ,,
Paper II   Poetry ..   ..   ..50 ,,
              History of Literature   ..25 ,,
              Prosody and Rhetoric   ..25 ,,

The third paper in all the Modern Languages with the exception of Urdu will be on composition (75 marks) and precis-writing (25 marks).

The third paper in Urdu will be on composition (70 marks) and Hindi Bhasha (30 marks). There will be two questions on Bhasha one being on translation from Urdu into Bhasha (18 marks) and the other on translation from Bhasha into Urdu (12 marks).

(b) MATHEMATICS. 6 papers of 100 marks each :—

Paper I.—Algebra, Theory of Equations, Trigonometry and Pure Geometry.

Paper II.—Analytical Geometry of two dimentions and elementary portion of 3 dimensions and Differential Calculus,

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Paper III.—Integral Calculus and Differential Equations.

Paper IV.—Statics and Hydrostatics.

Paper V.—Graphical Statics and Dynamics and Elementary portion of rigid Dynamics in two dimensions.

Paper VI.—Astronomy and Astro Physics

(c) *History*.

Paper I. General Historical Essay.—100 marks (candidates must also produce a certificate from the Head of the Department of History, that he has written at least 30 satisfactory Essays during his III and IV years).

Paper II. Political Science (Theoretical and Comparative)—100 marks.

Paper III. Economics or Sociology—100 marks.

Paper IV. Indian History—100 marks.
    One of the following periods :
        Ancient—upto 1206.
        Medieval—1206 to 1765.
        Modern—1765 Onwards.

Paper 5. General, containing :—

(1) History of the Deccan, covering the period of Indian History taken by the candidate.

(2) Elements of the Cultural History of India with reference to the period of Indian History taken by the candidate.

(3) Constitutional History of Modern India.

N.B.—Questions on Sections (1) and (2) will be set by the Examiner in Indian History and those on Section (3) by the Examiner in Political Science.

Paper 6. One of the following 100 marks :

(1) Select period of Islamic History.
(2) Select period of European History.
(3) The whole of English Constitutional History.
(4) The whole of the History of Indian culture.

N.B.—Candidates will be expected to answer questions on Historical Geography.

(d) *Philosophy :*—

   (i) General Philosophy.

Paper   I—Nature, Schools and Problems of Philosophy.

    ,,   II—A brief sketch of the History of Philosophy together with a special study of an original work of any of the following Philosophers :—
                Descartes, Berkeley or David Hume.

  (ii) Oriental Philosophy.

Paper III—Hindu Philosophy.

    ,,   IV—Outlines of Islamic Philosophy, Kalam and Sufism.

(iii) Psychology.

Paper   V—Elements of Psychology with allied Physiology.

(iv) Ethics.

Paper VI—A brief study of Theoretical and Practical Ethics.

III. *Theology or Morals* (one paper)

  N.B.—(1) Examinations in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subject shall not be included in the grand total of the marks ; but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

  11. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. in each subject.

  12. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

  The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in serial order of their roll numbers.

  13. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

  14. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent. in English or in his selected subject, will be considered to have passed the whole examination on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks gained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent,

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1. An examination for the degree of Master of Arts shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty of Arts.

2. The M. A. Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu unless otherwise notified.

3. The examination shall be open only to Bachelors of Arts and Bachelors of Science of the Osmania University or Bachelors of Arts or Bachelor of Science of a recognised University who have passed the B. A., or B. Sc. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic year in a constituent college of the Osmania University *

No candidate shall be allowed to put in regular attendance, or to appear, at the M.A. and LL.B. Examinations at one and the same time.

4. No candidate from a college of the University shall be considered to have completed a regular course of study for the examination unless he has attended 66 per cent. lectures during each academic year. The Syndicate shall have, however, the power to condone the deficiencies in attendance not exceeding 6 % lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer which can satisfy the Principal.

5. A candidate for admission to the M.A. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

* Lady candidates shall be allowed to appear privately in the examination in Arabic, Persian and Urdu only.

6. The examination shall be held for the present in the following subjects : —

    1. Arabic.

    2. Persian.

    3. Urdu.

    4. History.

    5. Philosophy.

    6. Mathematics.

In Persian, Urdu, History and Philosophy there will be two Examinations—Previous and Final—and the candidates will be examined at the end of each year.

(1) ARABIC.—(Eight papers –100 marks each.)

    1st Paper Poetry.

    2nd ,,   Prose, Historical.

    3rd ,,   Prose, Non-Historical.

    4th ,,   History of Language and Literature.

    5th ,,   Rhetoric and Prosody.

    6th ,,   Hebrew, French or German—Grammar and Translation into Urdu of easy Hebrew, French, or German passages.

    7th ,,   Translation from Urdu into Arabic and Arabic Composition.

    8th ,,   Essay in Urdu on a subject connected with the History, Literature and Civilisation of the Arabs.

(2) PERSIAN :—

PREVIOUS EXAMINATION :—Four papers ..400 marks.

1st Paper—Poetry (Classical) ..   ..100 ,,

2nd ,,   —Prose   ,, ...100 ,,

3rd ,,   —Set Composition in Persian on modern topics ..   ..100 ,,

4th Paper —Translation into Urdu from books
        prescribed in Arabic and Persian,
        Rhetoric and Prosody.   ..100 marks.

FINAL EXAMINATION : —(Two papers and a Thesis) 400 ,,

    1st Paper—Literary history of Persia from the
        earliest times to the Mongols. ..100 ,,

    2nd ,, —Literary history of Persia from the
        Mongol Period to the present day..100 ,,

    Thesis ..   ..200 ,,

The Thesis will be of about 50 pages and will be written under
the supervision and with the advice of the Professor con-
cerned, on a subject approved by the Board of Studies
in Persian. It will be valued by two or three experts.
There will be a *viva voce* Examination. The candidate
will have to satisfy the examiners that he has availed of
original sources.

The Thesis may be submitted on any one of the following
subjects :—

    (1) Evolution of the Persian Language and Literature.

    (2) Literary criticism of any particular period.

    (3) Research in any particular branch of Literature.

    (4) Lives of famous authors and reviews on their works.

    (5) Critical edition of an important work with an intro-
        duction to it.

    (6) Development of the Persian language in India.

    (7) Treatment of any controversial problem relating to
        the history, Literature and civilization of Persia
        in the light of modern research.

(3) URDU :—

PREVIOUS EXAMINATION :—Four papers   ..400 marks.

1st Paper—Old Urdu	..	..100 ,,
2nd ,, Poetry ..	..	..100 ,,
3rd ,, Prose ..	..	..100 ,,
4th ,, Essay ..	..	..100 ,,

FINAL EXAMINATION—(Two papers and a Thesis) 400   ,,

1st Paper—History of the Urdu Language
                    and Literature ..   ..100 ,,

2nd ,,   Hindi Bhasha.   ..   ..100 ,,

Writing a Thesis or editing a book   .. ..200 ,,

The Thesis will be written with the advice and under the supervision of the Professor concerned on a subject recommended by the Professor and approved by the Board of Studies in Urdu.

Only those candidates will be admitted to the M.A. Examination in Urdu or Persian who have graduated with Urdu and Persian.

(4) HISTORY.

1st Paper—Early Political Institutions (Indian, Islamic, and European) upto 1,500.

<center>or</center>

Later Political Institutions from 1,500 upto present day.

2nd Paper—Political theories (Indian, Islamic and European) upto 1,500.

<center>or</center>

Later Political Theories from 1,500 upto present day.

NOTE :—

Students shall study the Political Theories of only that period the political institutions of which they have selected for study in Paper I above.

3rd and 4th Papers—Intensive study of two of the following, 100 marks each:—

(*a*) A period of Indian History with reference to the History of the Deccan.

(*b*) A period of Islamic History.

(*c*) A period of Modern European History.

(*d*) A period of English Constitutional History.

FINAL HISTORY :—

1st Paper—General Historical Essay.   100 marks

2nd Paper.

(*a*) A special topic of Comparative Politics.   ..⎫   50
(*b*) A special topic of Political Theories.   ..⎭   marks

Thesis—Containing at least 10,000 words written
          on a subject taken by the candidate
          for his M. A.   200 marks

Viva Voce—(*a*) General, to test the general
                efficiency of the candidate in the
                papers offered by him for
                Previous and Final Examinations. 50   ,,

          (*b*) Language, to test whether the
                candidate has used the authorities
                for his thesis in their original
                form.   50   ,,

N. B.—(1) No candidate will be deemed to have passed th M. A., (History) Examination unless he obtains not less than 30 per cent. of the marks in 2nd Paper of the Final Examination.

    (2) Only those candidates who have passed the B. A., Examination in History or who have taken the M. A. degree in any other subject and who have prosecuted a regular course of study for not less than one academic year at one of the constituent colleges of the University will be allowed to sit for the Previous Examination. In the same way only those candidates will be allowed to sit for the Final Examination who have already passed the Previous Examination and have since prosecuted a regular course of study for not less than one academic year at one of the constituent colleges of the University.

(3) The subject for the thesis and the choice of the language offered must be sanctioned by the Board of Studies in History at least one calendar year before the examination. No candidate will be allowed to offer his own mother-tongue for his viva voce.

(4) The special topics and periods will be announced at least one calendar year before the examination but not more than one special topic or period will be so prescribed for each year.

(5) Every candidate shall submit two copies of his thesis at least one Fasli month before the first day of the examination. The Registrar will on the declaration of the result deposit one of these copies in the University archives, while the other copy will be sent to the Osmania University College Library for safe custody and use.

(6) The thesis submitted by the candidates will be compiled with the advice and under the guidance of the Professor concerned.

(7) In submitting their theses and while answering their papers, candidates should always bear in mind that according to Islamic etiquette due reverence should be shown towards Islam, eminent Islamic personages and Islamic teachings.

5.   PHILOSOPHY.

PREVIOUS EXAMINATION :—

1st Paper—Oriental Philosophy, Indian or Islamic.

2nd   „   One Special Philosopher from among the Western thinkers.

3rd   „   Mataphysics with special reference to contemporary thought.

4th   „   Essay.

5th & 6th Papers—Two of the following :—

1.   Logic and Epistemology.

2.   Aesthetics.

3.   Philosophy of Religion.

4.   Ethics and Political Philosophy.

5.   Psychology.

FINAL EXAMINATION : –

A Thesis of not less than 10,000 words on any subject of Philosophy previously approved of by the Board of Studies. } 200 marks

Viva Voce.

1st & 2nd Papers :—   ..   ..   .. 200 marks

Two subjects allied to the subject of the Thesis.

(6) MATHEMATICS : –(Nine papers).

1st Paper—Algebra, Theory of Equations. Plane Trigonometry. Differential Equations.

2nd   „   Pure Geometry.
Analytical Geometry (Pure and Solid.)
Differential Geometry-Curves and Surfaces.

3rd   „   Calculus (Differential and Integral)
Theory of Functions of a real variable.

4th   „   Theory of Functions of a complex variable.

Elliptic Functions excluding $\mathcal{P}$ Functions.
Fourier Series.

5th   „   Attractions.
Electricity and Magnetism.

6th   „   Analytical Statics of two and three dimensions·
Dynamics of a particle.
Rigid Dynamics in two dimensions only.

7th   „   Hydrostatics including Capilarity.
Hydrostatics excluding Vortex Motion and Sound.

8th Paper Spherical Trigonometry.
Spherical Astronomy. Optics.

9th   „   Problem and Essay paper consisting of two sections. In the first section at least two problems to be solved and in the other section not more than two essays to be written.

7. In order to pass the Examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum

pass marks shall be required in each paper, but if in any paper a candidate obtains less than one-fifth of the marks allotted, those marks shall not be included in his aggregate. Successful cand-dates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class and the rest in the Third Class.

The results of the Previous Examinations will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examination will be added to the marks gained by them at the Final Examination and the rank secured by them will be determined accordingly.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee, but he may be admitted without further attendance at lectures to any subsequent examination on the payment of a like fee.

9. Each successful candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subject in which he was examined, and the class in which he was placed.

1. The examination for the degree of Bachelor of Science shall be held once a year in Hyderabad, at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : -

(*a*) All students who have satisfactorily completed a regular course of study in a College of the University for not less than two academic years after passing the Intermediate Examination of the Osmania University or an examination or test accepted by the University as equivalent thereto, with Physics and Chemistry as their optional subjects.

(*b*) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a College of the Osmania University and who have been permitted under Regulation (3) below to reckon a previous year of study since passing the Intermediate Examination or its equivalent at a College of a University recognized for the purpose by the University.

3. Any student may be admitted to the final class of a College of the Osmania University provided he produces a certificate from the Principal of the College (affiliated to any of the Universities recognized by the University) he was last attending that the penultimate year of his degree course at College has been duly kept according to the regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the final class of that College.

4. Laboratory Assistants serving in a College of the University will be allowed to appear privately for this examination provided that they produce from the Principal of the College, in which they are or have been employed, the certificate of Laboratory work required under Regulation (12) and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at that examination. It is also necessary that by the date of the Examination not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

5. Candidates from a college of the University who have been allowed to appear at the examination once but have not

been able to appear or have failed to pass may be admitted as private candidates to a subsequent examination, provided that they do not change the subjects they had studied at College. In case they change any of their subjects they shall be required to put in fresh attendance in the College in the subject or subjects they have changed.

6. Applications of private candidates in the form prescribed must reach the Registrar not less than two months before the examination accompanied by a fee of Rs. 30.

7. In the case of College candidates application for admission and certificates of attendance and progress in the form prescribed together with a fee of Rs 30 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.

In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer and which can satisfy the Principal.

8 Upon the receipt of the application and the fee prescribed, and also the attendance certificates in case of candidates from colleges the Registrar shall at least a week before the examination cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall if called for.

N. B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

9. The B Sc. Examination shall be conducted by means of printed papers. Papers in all the subjects except English will be set and answered in Urdu.

10. The subjects for examination are as follows:—

I. English.

II. One of the following groups :—

a. Physics as main with Mathematics and Chemistry as subsidiary.

N. B.—Examination in Theology of Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subjects sha'l not be included in the grand total of the marks, but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

(2) All the papers detailed above will be of three hours' duration.

12. No candidate from a college of the University will be permitted to present himself at the B. Sc. Examination in any Science subject for which a practical course is necessary under these rules unless he produces certificate from the Principal of such college to the effect that he has completed the required course in the college laboratories. In the case of private candidates appearing under Regulation 4 evidence must be produced that the candidate has completed the required course in a laboratory approved of by the University.

13. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. in each subject. In subjects in which a practical test is compulsory, the required percentage shall be 33 per cent. in the theoretical part of the examination as well as in the practical test.

14. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the first class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the second and third classes shall be arranged in serial order of their roll numbers.

15. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

16. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent. in English or in his selected subject, will be considered to have passed the whole examination, on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks gained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent.

M. Sc. Examination.

1. An examination for the degree of Master of Science shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty of Arts.

2. The M. Sc. Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu unless otherwise notified.

3. The examination shall be open only to Bachelors of Arts and Bachelors of Science of the Osmania University or Bachelors of Arts or Bachelors of Science of a recognised University who have passed the B. A., or B. Sc. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University.

4. No candidate from a college of the University shall be considered to have completed a regular course of study for the examination unless he has attended 66 per cent. of the lectures during each academic year. The Syndicate shall have, however, the power to condone the deficiencies in attendance not exceeding 6% lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer which can satisfy the Principal.

5. A candidate for admission to the M. Sc. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

6. The examination shall be held for the present in the following subjects :—
     1. Chemistry.

     2. Physics.

(1) *Chemistry.*

Previous Examination :—Lectures on advanced Inorganic Organic, and Physical Chemistry, and advanced practical work. In lectures special attention will be paid to the applied side of the subject and its history. The practical work shall include

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complex Inorganic Analysis (both qualitative and quantitative) preparation and identification of Organic Compounds, a few exercises in Commercial Organic and Inorganic Analysis and Physico-Chemical Measurements.

An examination shall be held at the end of the 1st year which shall consist of the following papers :—

		Marks
1st Paper	General and Inorganic Chemistry	.. 100
2nd ,,	Organic Chemistry ..	.. 100
3rd ,,	Physical Chemistry ..	.. 100
4th ,,	Practical including mineral Analysis	.. 100
5th ,,	Organic Analysis and Organic Preparations	.. 100
6th ,,	Physico-Chemical Measurements	.. 100
	Total	.. 600

Final Examination : —In the Second or Final Year, the student shall choose either Organic Chemistry or Physical Chemistry as his special subject and attend advanced lectures on that subject. The rest of his time will be occupied in conducting some research work and reading about the subject of his research with the help of a Professor. At the end of the year, he shall be required to submit the results of his research in the form of a Thesis.

In addition to an Oral Examination in the subject of his Thesis, he shall appear in a written examination consisting of two papers only, in Organic or Inorganic Chemistry according to his choice. The marks for each will be as follows :-

		Marks
Thesis including Oral ..	..	.. 200
1st Paper	..	.. 100
2nd ,,	..	.. 100
	Total	.. 400

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(2) *Physics.*

PREVIOUS EXAMINATION.   Marks

1st Paper General Physics and Sound.   .. 100
2nd ,,   Optics (Geometrical and Physical)   .. 100
3rd ,,   Heat including Thermodynamics   .. 100
4th ,,   Practical Examination in Properties of
                Matter, Heat and Sound. 100
5th ,,   Practical Examination in Optics   .. 100
                                            _____
                                    Total   .. 500

FINAL EXAMINATION.   Marks

1st Paper Classical Electricity and Magnetism   .. 100
2nd ,,   Modern Electricity   100
3rd ,,   Some Special Subject—any one of the
                following :—   .. 100

    (*a*) Spectroscopy (Including Quantum Theory).

    (*b*) X-Rays.

    (*c*) Wireless Telegraphy and Telephony.

    (*d*) Photo-Electricity and Television.

4th Paper Practical Examination in Electricity .. 100

5th Paper Report on practical work intensively   Marks
            carried out by the candidate with a
            view to verify and supplement the
            available data on some special prob-
            lem of Physics.   100
                                            _____
                                    Total ..   500

The Theoretical papers will be of 3 and the Practical of 4 hours' duration.

7. In order to pass the Examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum pass marks shall be required in each paper, but that candidates should pass separately in the Theoretical and Practical portions of the Examination and if in any paper a candidate obtains less than 25 per cent. of the marks allotted, those marks shall not be included in his aggregate. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class and the rest in the Third Class.

The results of the Previous Examinations will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examinations will be added to the mark gained by them at the Final Examination and the rank secured by them will be determined accordingly.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee.

9. Each successful candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subject in which he was examined, and the class in which he was placed.

FACULTY OF THEOLOGY.

Matriculation Examination.

1.   The Matriculation Examination shall be held once a year
at ,Hyderabad, Aurangabad, Gulburga, Warangal and Bhopal, at
such time and on such dates as the Syndicate may prescribe.

2.   The examination shall be open to :—

(i) All those who have satisfactorily prosecuted a regular
course of study for this examination at one or more
High Schools recognised by the Osmania University.
Such candidates shall be named *pupil candidates.*

(ii) All those who have studied privately either in the
Dominions or outside for this examination provided
that they shall not have attended any high school
recognised by the University for not less than six
months prior to the date of the examination.

(iii) All those who have passed the Maulvi Examination
of His Exalted Highness the Nizam's Dominions or
of the Punjab University up to the year 1906.   Such
students will have to appear in English only on passing
in which subject they will be considered to have pass-
ed in the whole of the examination.

3.   No candidate shall be admitted to the Matriculation Ex-
amination unless he shall have completed the age of fifteen
years by the first day of Shahrewar (July) of the year in which he
applies for admission to the examination.

4.   Applications for admission to the examination in the
form prescribed must reach the Registrar not less than two
months before the commencement of the examination,   accom-
panied by a fee of Rs. 10 in the case of pupil candidates,
Rs. 15 in the case of candidates referred to in Rule 2 (ii), and Rs. 5
in the case of candidates referred to in Rule 2 (iii).

5.   Pupil candidates must submit the following certificates
from the Headmaster of the school where they last studied
together with their application for admission :—

(1) Certificate of attendance stating that the student has
attended school in the Matriculation class for not
less than 60 per cent. of the working days during
the school year immediately preceding the examin-
ation.

(2) Certificate of good character and good conduct at school.

(3) Certificate of age in accordance with rule 3.

(4) Certificate of progress in the subjects of study.

In cases recommended by the Headmaster, the Syndicate may for sufficient reasons condone deficiency in attendance not exceeding 31 days. When a student has studied in two or more schools during the school year immediately preceding the examination, his combined attendances in all schools attended by him during the period will be taken into account in determining his attendance.

6. Candidates referred to in Rule 2 (ii) must submit the following certificates from the Headmaster of a Government High School recognised by this University.

(1) Certificate stating that the student has passed a Test Examination held in the School to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

7. Candidates referred to in Rule 2 (iii), must, in addition to the original certificates showing the examination passed on the basis of which application is being made, submit the following certificates from the Headmaster of a Government High School recognised by this University.

(1) Certificate stating that the candidate has passed a Test Examination in English, held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

(3) Certificate of age in accordance with Rule 3.

N.B.—Teachers from recognised schools of the University will be exempted from passing a test examination provided they produce a certificate from the Divisional Inspector of Schools stating that the candidate is eligible for admission to the matriculation class and that he is expected to get through.

8. Candidates who have once been duly permitted to appear at this examination are entitled to appear at any subsequent Matriculation Examination as private candidates under Rule 2 (ii) and (iii) on production only of Certificates (1) and (2) mentioned above.

9. On receipt of the application and the fee prescribed and of the necessary certificates, the Registrar shall at least a fortnight before the examination, cause to be furnished to the candidate a receipt for the fee received which will also serve as a

ticket of admission to the examination hall to be produced by the candidate when called for.

10. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee.

11. The Matriculation Examination shall be conducted by means of printed papers. With the exception of English the papers in all other subjects will be set and answered in Urdu.

12. The subjects for the examination and the arrangement of the papers to be set in the different subjects shall be as follows :—

(1) ENGLISH.
There shall be two papers in English each of $2\frac{1}{2}$ hours' duration. The first paper (100 marks) will be on the Detailed Texts, Grammar and Idiom. The second paper (100 marks) will be on Composition and Translation from Urdu into English (70 marks) and non-detailed Texts (30 marks).

(2) HISTORY AND GEOGRAPHY.
There shall be two papers of two hours' duration each in this subject :—
1st Paper : History of India (50 marks).
2nd Paper : General Geography of the world with special reference to India (50 marks).

(3) MATHEMATICS—(Elementary).
There will be two papers of 2 hours' duration each.
I Paper Arithmetic .. 30 Marks
　　　Algebra .. .. 20 ,,
II Paper Practical Geometry.. 30 ,,
　　　Mensuration .. 20 ,,

*(4) ELEMENTARY SCIENCE :—
There will be one paper of 3 hours' duration carrying 100 marks. The paper shall be divided into sections A (Physics) and B (Chemistry) ; 50 marks will be assigned to each section.

* Candidates are expected to perform at least 10 experiments in a year and have a record of their practical work regularly initialled by the teacher in charge. No candidate shall be allowed to appear for the Examination unless he has produced a full record of his practical work. But there shall be no examination in practical science.

(5) ARABIC.
There will be two papers in this subject (of two hours each) ; the first paper (60 marks) will be on the prescribed text-books and the second paper (40 marks) will be on Grammar and Translation.

(6) AQAID
There shall be one paper (100 marks) of three hours' duration in this subject.

(7) FIQAH WA HADIS.

There will be one paper (100 marks) of three hours' duration in this subject

13. Successful candidates who obtain 60 per cent. of the aggregate marks shall be placed in the First Class.

14. For a pass in the Second Class candidates should secure 35% in English, Arabic, Feqah wa Hadis and Aqaid wa Mantiq and 30% in the remaining subjects. Those candidates will be declared to have passed in the Third class, who secure 30% in English, Arabic, Feqah wa Hadis and Aqaid wa Mantiq, 25% in the remaining subjects and 30% in the aggregate.

Successful candidates of First Division shall be arranged in order of proficiency as determined by the total number of marks obtained. The Second and Third Classes shall be arranged in the serial order of their roll numbers.

15. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the division in which he was placed.

16. The Registrar shall maintain and publish for general information, a list of High Schools recognised by the University.

Intermediate Examination.

1. The Intermediate examination (Faculty of Theology) shall be held once a year in Hyderabad, at such time and on such dates as the Syndicate may prescribe.

2. The examination shall be open to--

(i) All Matriculated students of the Osmania University (Faculty of Theology) who have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

(ii) All those students who have matriculated at the Osmania University (Faculty of Arts) or at any of the recognised Indian Universities or obtained the High School Leaving Certificate of His Exalted Highness' Government or passed any other such examination as the University may from time to time consider equivalent, and who have been admitted as under-graduates of the University (Faculty of Theology) and have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a College of the Osmania University. Provided that all such students shall have passed in Arabic in the Matriculation Examination or in its equivalent examination.

N.B.—Students who have obtained a High School Leaving Certificate of His Exalted Highness' Government can be admitted to a college of the Osmania University only at the discretion of the Principal.

3.   Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination :—

(*a*) Inspecting Officers of the State Educational Department, and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspectors of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*b*) Whole-time librarians serving in the library of any constituent college or the Asafia Library, or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed, of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*c*) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Matriculation Examination or its equivalent.

N.B.—Students who have passed the Intermediate Examination (Faculty of Arts) of the Osmania University or that of a recognised University shall be allowed to appear privately at the Intermediate Examination of the Faculty of Theology only in the subjects in which they have not already passed, for the purpose of their joining the B.A. Class of the Faculty of Theology of the Osmania University. But such students shall not be entitled to any certificate of having passed the examination.

4.   Candidates from a college of the University, who have been allowed to appear at the examination once but have not been able to appear or have failed to pass, may be admitted as private candidates to a subsequent examination.

5.   Applications of private candidates for admission to this examination, in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 20.

6.   In the case of college candidates, applications for admission and certificates of attendance in the prescribed form together with a fee of Rs. 20 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.   In special cases the Principal may hold back the certificates of attendance.   Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidate desires to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 % lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorized medical officer which can satisfy the Principal.

7. Upon the receipt of the application and the fees prescribed and also the attendance and progress certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

N.B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim a refund of the admission fee.

8. The Intermediate Examination shall be conducted by means of printed papers. With the exception of the English language, papers in all subjects will be set and answered in Urdu.

9. The subjects for examination and the arrangement of the papers to be set in the different subjects shall be as follows :- -

(1) ENGLISH.
> In English there will be three papers, each of three hours' duration, one on Detailed Prose texts (100 marks), one on Poetry (65 marks) and Non-detailed Prose texts (35 marks) and a third paper (100 marks) on Composition, Unseens and Translation.

(2) ARABIC.
> There shall be two papers each of 3 hours' duration in this subject. The first paper (100 marks) shall be on the prescribed text-books. The second paper (100 marks) will be on Grammar and consist of pieces of Urdu Prose for translation into Arabic.

(3) FIQAH AND USUL-I-FIQAH.
> There shall be two papers each of three hours' duration in this subject :---
>
> Paper I.—Usul-i-Fiqah including Elements of Logic
> 100 marks.
> Paper II.—Fiqah.   100   ,,

(4) TAFSIR, AND HADIS.
> There shall be two papers each of three hours' duration in this subject :- -
>
> Paper I.—Tafsir.   100 marks.
> Paper II.—Hadis and Usul-i-Hadis   100   ,,

(5) AQAID, INCLUDING MABADIYAT-I-HIKMAT.
There shall be one paper (100 marks) of three hours' duration in this subject.

10.   No candidate shall be declared to have passed the examination unless he obtains 33 per cent. of the full marks in each subject.   Should a candidate however, not obtain 33 per cent. of the full marks in *one subject only*, he shall be declared to have passed the examination provided he secures not less than 30 per cent. in that subject and makes an aggregate of 40 per cent.

11.   Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate.   The names of others placed in the second class and third class shall be arranged in the serial order of their roll numbers.

12.   A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

13.   For the purposes of the Compartment System, the examination is divided into the following three groups :—

(1) English.

(2) Arabic.

(3) Theology subjects (Fiqha, Tafsir, and Aqaid).

A candidate who fails in any one of these groups and passes in the other two, shall be allowed to appear at a subsequent examination only in the group in which he failed, provided that the marks obtained by him in that group in the previous examination do not fall short of 25 per cent.   For passing in group (3) under this system he shall obtain 33 per cent. in each of the subjects of that group.   Such candidates shall however, if they so desire, be allowed to appear for the whole of a subsequent examination, but if they fail in that examination they will not be deprived of the concession gained at the first examination.

No candidate shall be classed unless he has passed in the whole examination at one attempt.

B. A. Examination.

1. The examination for the degree of Bachelor of Arts (Faculty of Theology) shall be held once a year in Hyderabad at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to : -

(1) All those students who have passed the Intermediate Examination of the Osmania University in the Faculty of Theology.

(2) All those students who besides passing the Intermediate Examination of a recognised University have also passed the *Alim* Examination or its equivalent of a recognised University.

(3) All those students who after passing the Intermediate Examination of a recognised University with Arabic as one of the optional subjects have passed the Intermediate Examination (Faculty of Theology) of the university in the Theology subjects They will be required to appear in Arabic also in case they did not take that subject in their previous examination.

Provided that all these students have satisfactorily completed a regular course of study in a college of the University for not less than two academic years after passing the aforesaid examinations.

3. Persons coming under the following descriptions, though not belonging to a college of the University, will be allowed to appear privately for this examination :

(*a*) Inspecting Officers of the State Educational Department, and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspectors of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(*b*) Whole-time librarians serving in the library of any constituent college or the Asafia Library, or any other library approved by the Syndicate for this purpose, provided that they produce a certificate from the Librarian of the library in which they are employed of continuous and approved sevice for not less than three years prvious to the date of their application for permission to appear at the examination.

(c) Women candidates.

Provided also that in all the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination.

4. Candidates from a college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In the case of any change they shall be required to put in fresh attendance in the college in the subject they have changed.

5. Applications of private candidates for admission to this examination in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 30.

6. In the case of college candidates, applications for admission and certificates of attendance and progress in the prescribed form together with a fee of Rs. 30 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination. In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

The attendance required shall not be less than 66 per cent. of the full course of lectures delivered in each of the subjects in which the candidates desire to be examined. The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorised medical officer which can satisfy the Principal.

7. Upon the receipt of the applications and the fees prescribed, and also the attendance certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

N.B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim a refund of the admission fee.

8. The B. A. Examination shall be conducted by means of printed papers. With the exception of English, papers in all subjects will be set and answered in Urdu.

9. The subjects for examination are as follows :—

(1) ENGLISH :—

Four Papers as follows : -

1st *Paper*.			Marks	
Detailed Prose ..	..	..	80	100
History of Literature	..	..	20	

2nd *Paper*.				
Detailed Poetry	..	..	80	100
History of Literature	..	..	20	

3rd *Paper.*-				
Essay	..	..	75	100
Unseens	..	..	25	

4th *Paper*.				
Non-Detailed Texts	..	..	70	100
Translation from Urdu into English	..	30	

NOTE.—(1) Questions on the History of Literature will be compulsory.

(2) No candidate shall be admitted to the B. A. Examination unless the Head of the Department of English certifies that he has written at least 25 essays during the two years' B. A. course. This certificate will not be required in the case of Private candidates and ex-students.

(2) ARABIC—

There will be three papers in this subject :

The first paper will be on Prose (75 marks) and History of Literature (25 marks) ; the second paper will be on Poetry (75 marks) and Rhetoric and Prosody (25 marks) and the third paper will be as follows :—

Translation from Arabic into Urdu	..	40 marks
Translation from Urdu into Arabic	..	40 „
Grammar ..	..	20 „

(3) FIQAH AND USUL-I-FIQAH.

There shall be two papers of three hours' duration each in this subject :

1st paper—Fiqah (including Fatwa Navisi) 100 marks.

2nd paper—Usul-i-Fiqah.

(4) Any one of the following subjects :

(a) Tafsir—two papers (100 marks each.)

(b) Hadis.—two papers (100 marks each).

(c) Kalam.—two papers (100 marks each.)

10. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. in each subject.

11. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class. shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in serial order of their roll numbers.

12.   A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

13.   Any student who fails to pass the examination on account of his having failed to obtain 33 per cent in—

(1) English

(2) Arabic

(3) Fiqah and the optional subject

will be considered to have passed the whole examination on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks obtained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent.

M. A. Examination.

1.   An examination for the degree of Master of Arts (Faculty of Theology) shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty of Theology.

2.   The M. A. Examination shall be conducted by means of printed papers and *viva voce* when necessary.   Papers will be set and answered in Urdu.

3.   The examination shall be open only to Bachelors of Arts (Faculty of Theology) of the Osmania University, who have passed the B. A. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University.

4.   No candidate from a college of the University shall be considered to have completed a regular course of study for the examination unless he has attended 66 per cent. of the lectures during each academic year.   The Syndicate may condone the deficiency in attendance not exceeding 6 per cent. lectures in the subject for sufficient reasons particularly sickness when the application is supported by the certificate of an authorized medical officer which can satisfy the Principal.

5. A candidate for admission to the M. A. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

6. The examination shall be held in the following subjects and there shall be 8 papers of 3 hours' duration in each subject.

    (i)   Fiqah wa Usul-i-Fiqah.
    (ii)   Kalam wa Aqaid.
    (iii) Tafsir.
    (iv) Hadis, including Sirat.

    (1) Fiqah.—

(۱) پرچه اول اصول فقه و سلم النبوت

حصه مبادی   ۱۰۰   نشانات

(۲) پرچه دوم   ,,   ,,   حصه مقاصد ۱۰۰   ,,

(۳) پرچه اول   فقه   ارکان اربعه ۱۰۰   ,,
(ارکتاب صنائع و بدائع)و آثارالسنس

(۴) پرچه دوم   فقه   بدایته المجتهد ۱۰۰   ,,
جلد اول وبه استثناء ارکان اربعه

(۵) پرچه سوم   فقه   بدایته المجتهد
جلد دوم   ۱۰۰   ,,

(۶) پرچه چهارم   ,,   محلة الاحکام ۱۰۰   ,,
(۷) پرچه پنجم   ,,   فتوی نویسی
و فیصله نگاری   ۱۰۰   ,,

(۸) پرچه ششم   ,,   مضمون متعلق
تاریخ وعامه معلومات علم فقه واصول ۱۰۰   ,,

    (ii) Kalam wa Aqaid.-

پرچه اول مبادی وامورعامه از شرح مقاصد ۱۰۰ نشانات

پرچه دوم اغراض وجواهر   ۱۰۰   دو

پرچه سوم سمعیات ۱۰۰ نشانات

پرچه چهارم الهیات شرح مقاصد ۱۰۰ ,,

پرچه پنجم محصل معہ نقد ۱۰۰ ,,

پرچه ششم دین و دانش ۱۰۰ ,,

پرچه هفتم تاریخ علم کلام و تفرقه بین الاسلام
والزندقہ ۱۰۰ ۴,

پرچه هشتم علم کلام پرا یك مضمون اردو میں ۱۰۰ ,,

(iii) Tafsir,

(۱) پرچه اول کشاف منزل اول ۱۰۰ نشانات

(۲) پرچه دوم ـ کشاف منزل آخر ۱۰۰ ,,

(۳) پرچه سوم ـ بیضاوی منزل دوم وسوم ۱۰۰ ,,

(۴) پرچہ چهارم ـ بیضاوی منزل چهارم پنجم و ششم ۱۰۰ ,,

(۵) پرچه پنجم ـ تفسیر احمدی ۱۰۰ ,,

(۶) پرچه ششم ـ اعجاز القران ۱۰۰ ,,

(۷) پرچه هفتم ـ تفسیر ابن جریر ۱۰۰ ,,

(۸) پرچه هشتم ـ مضمون عام ۱۰۰ ,,

(iv) Hadis including Sirat :—

پرچه اول حدیث بخاری نصف اول ۱۰۰ نشانات

پرچه دوم ,, ,, دوم ۱۰۰ ,,

پرچه سوم ,, ,, مسلم ۱۰۰ ,,

پرچه چهارم ,, ابوداود ۱۰۰ ,,

پرچه پنجم ,, طحاوی ۱۰۰ ,,

پرچہ ششم اصول حدیث ـ مقدمہ ابن صلاح ۱۰۰ ,,

پرچه هفتم تاریخ وعلوم حدیث ـ مقدمہ فتح الباری

پرچه هشتم مضمون ۱۰۰ ,,

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7. In order to pass the examination. a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum pass marks shall be required in each paper, but if in any paper a candidate obtains less than one-fifth of the marks allotted, those marks shall not be included in his aggregate. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class. those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class, and the rest in the Third Class.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee, but he may be admitted, without further attendance at lectures. to any subsequent examination on the payment of a like fee.

9. Each successful candidate shall receive a certificate signed by the Chancellor, setting forth the subject in which he was examined, and the class in which he was placed.

FACULTY OF LAW.

LL. B. Examination.

1. There shall be two examinations for the LL. B. Degree, the Previous and the Final. Each examination shall be held once a year in Hyderabad at such time and on such dates as the Syndicate may prescribe on the recommendation of the Faculty of Law.

2. The examinations will be conducted by means of printed papers, and Urdu shall be the medium of examination in all subjects.

3. The LL. B. (Previous) Examination shall be open only to those students who have completed a regular course of study in the University School of Law for not less than one academic year after passing the B. A. Examination of the Osmania University or the B. A. or B. Sc. Examination of any University in the British Empire, incorporated by Law, provided that such examination is recognised by that University as qualifying for admission to its LL. B. Examination or any examination equivalent thereto.

4. No candidate shall be considered to have completed a regular course of study for any of these examinations unless he has attended 66 per cent. of the lectures during the academic year.

5. A candidate for admission to the Previous Examination must forward his application to the Registrar five weeks before the examination, accompanied by a fee of Rs. 30. He shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study in the University School of Law for not less than an academic year after having passed the B. A. or B. Sc. Examination. He must also forward with his application satisfactory evidence of having taken a degree as laid down in Rule 3.

6. Every candidate shall present himself for the Previous Examination in the following subjects :—

   1. Criminal Law and Procedure.
   2. Evidence.
   3. Torts and Easements.
   4. Contracts and Specific Relief.
   5. Roman Law and Constitutional Law.

N.B.—There shall be one paper in each subject.

7.   No candidate shall be admitted to the Final Examination of the degree of Bachelor of Laws unless he has passed the Previous Examination in Law of the Osmania University, and has since passing the examination prosecuted a regular course of study for not less than one academic year in the University School of Law.   Attendance certificates in the prescribed form shall be attached to the application.

8.   A candidate for admission to the Final LL.B. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 30. He should also forward along with his application a certificate of having passed the Previous Examination in Law of the Osmania University.

9   The following shall be the subjects for the Final LL. B. Examination :--

1. Hindu Law.

2. Muhammadan Law. including Usul-i-Fiqah.

3. Civil Procedure Code, Law relating to Civil Courts in His Exalted Highness the Nizam's Dominions, Limitations (excluding Schedules).

4. Trusts, Land Tenure, (including Atiyat) and Transfer of Property.

5. Jurisprudence and Public International Law.

N B.—There shall be one paper in each subject.

10.   The Faculty of Law shall prescribe from year to year books to be studied for these subjects.

11.   The Faculty shall prescribe the total number of lectures to be delivered during the academic years which shall not be less than 300.

12.   Before the beginning of each term, the Principal shall submit for the approval of the Faculty a statement of the course of lectures and class examinations during each term.

13.   The papers in any of the examinations may contain questions in Jurisprudence arising out of the subject matter of such examination.

To pass the examination the candidates must obtain 40 per cent. of the full marks in each paper.   Those of the successful candidates who obtain 60 per cent. of the total marks will be placed in the First Division and those who obtain 45 per cent. in the Second Division.

*

15. As soon as practicable after the conclusion of the examination the results will be arranged in the order of merit.

16. A candidate failing to pass may be admitted to one or more subsequent examinations on his making a fresh application and on payment of a fresh fee.

17. Certificates signed by the Chancellor and the Registrar respectively, shall be given to candidates successful in the Final and the Previous Examinations, setting forth the date of the examination, and the class in which he was placed.

FACULTY OF MEDICINE

DEGREE OF BACHELOR OF MEDICINE AND SURGERY

1. Candidates for the degree of Bachelor of Medicine and Surgery shall be required—

   (*i*) to have passed the Intermediate Examination in Arts and Science of the University taking Physics, Chemistry (Organic and Inorganic,) Botany and Zoology : or an examination considered by the University as equivalent thereto.

   (*ii*) to have been subsequently engaged in their professional studies in the College of Medicine of the University for a period of not less than five years.

2. Candidates shall be required to pass four professional examinations as hereinafter stated, each held twice a year in Hyderabad in the months of Khurdad (April) and Bahman (December) on such dates as the Syndicate may prescribe.

3. Application for admission to each of the professional examinations must reach the Registrar not less than four weeks before the commencement of the examination accompanied by the prescribed fee and the certificates required under the rules.

The fee prescribed shall be Rs. 15 for each of the first three professional examinations and Rs. 30 in the case of the fourth professional examination.

4. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee, but he may be admitted to any subsequent examination on his making a fresh application on payment of a fresh fee and on submitting the necessary certificates.

5. The examination in each subject shall be written, practical and oral. Urdu shall be the medium of examination.

6. In order to pass a professional examination, a candidate must obtain not less than 50 per cent. of the marks in the written and not less than 50 per cent. of the marks in the practical and oral in each subject and 50 per cent. of the marks in the aggregate. Successful candidates obtaining not less than two-thirds of the aggregate number of marks shall be placed in the First Class and

the rest in the Second. Their names shall be arranged in the order of proficiency as determined by the total marks obtained by each.

Each of the first three professional examinations shall consist of two subjects and candidates shall be required to pass in both at the same time whereas the fourth or Final Professional Examination shall consist of two groups of two subjects each, and candidates shall be required to pass at least in both subjects of one group at the same time.

7. Candidates passing the first three professional examinations shall receive certificates signed by the Registrar and those passing the final examination shall receive a Diploma signed by the Chancellor.

First Professional Examination.

8. The first professional examination shall be held in the following subjects after a course of study extending over $1\frac{1}{2}$ academic years :—

(a) Anatomy.

(b) Physiology.

9. Candidates shall be required to produce the following certificates along with their application for permission to appear at the examination :—

(a) Certificate of having passed the Intermediate Examination under Rule 1 (i).

(b) Certificate of having attended a course and duly performed the work of the class.

(i) of study in Anatomy (including Embryology) of at least 200 lectures extending over two long and one short terms with demonstrations and dissections of the whole human body.

(ii) of study of Physiology of at least 200 lectures extending over two long terms.

(iii) in practical Histology of at least 50 meetings of two hours.

(iv) in Chemical Physiology of at least 30 meetings of two hours each.

(v) of experimental Physiology of at least 20 meetings of two hours each.

Second Professional Examination.

10.   The second professional examination shall be held in the following subjects after a course of study extending over one academic year after passing the first professional examination :—

(*a*) Materia Medica (including Therapeutics).

(*b*) Pathology.

11.   Candidates shall be required to produce the following certificates along with their application for permission to appear at the Examination : —

(*a*) Certificate of having passed the first professional examination.

(*b*) Certificate in the prescribed form of having attended :—

(*i*) a course of study in Materia Medica (including Therapeutics) of not less than 100 lectures extending over a long and a short term.

(*ii*) 20 meetings of two hours each of the Practical Pharmacy Class.

(*iii*) of study in Pathology during one long term of not less than 100 lectures.

(*iv*) of Practical Pathology extending over 30 meetings of two hours each.

(*v*) of study in Bacteriology during one short term of not less than 50 lectures.

(*vi*) of Practical Bacteriology extending over 30 meetings of two hours each.

Third Professional Examination.

12.   The third professional examination shall be held in the following subjects after a course of study extending over one year after passing the second professional examination : —

(*a*)   Hygiene.

(*b*)   Medical Jurisprudence.

13.   Candidates shall be required to produce the following certificates along with their application for permission to appear at the examination :—

(*a*) Certificate of having passed the second professional examination.

(b) Certificate in the prescribed form of having attended a course :—

    (i) of study in Hygiene during one long term of not less than 80 lectures (including Practical Demonstrations) and instruction in Vaccination.

    (ii) of study in Medical Jurisprudence of not less than 80 lectures during one long term.

    (iii) of 12 meetings at Post-mortem Examinations.

Fourth or Final Professional Examination.

14. The fourth or final professional examination shall be held in the following subjects after a course of study extending over one year after passing the third professional examination :—

Group (1) Medicine and Clinical Medicine.

           Midwifery, Gynæcology, and Diseases of Infancy.
Group (2) Surgery and Clinical Surgery.

           Opthalmology and diseases of Ear, Nose and Throat.

15. Candidates shall be required to produce the following certificates along with their application for permission to appear at the examination :—

(a) Certificate of having passed the third professional examination.

(b) Certificate in the prescribed form of having attended :—

    (i) two courses in Medicine of not less than 100 lectures each.

    (ii) two courses in Clinical Medicine of not less than 50 lectures each.

    (iii) one course in Midwifery of not less than 80 lectures.

    (iv) one course in Gynæcology and diseases of Infancy of not less than 40 lectures.

    (v) two courses in Surgery of not less than 100 lectures each.

    (vi) two courses in Clinical Surgery of not less than 50 lectures each.

    (vii) one course in Operative Surgery of not less than 15 meetings of two hours each.

    (viii) a course in Applied Anatomy (Medical and Surgical of not less than 30 lectures.

(*ix*) an infectious diseases Hospital for three months.

(*x*) not less than twenty Midwifery cases and conducted not less than ten.

(*xi*) in Medical Wards as a Clinical Clerk for 9 months.

(*xii*) in Surgical Wards as a Clinical Clerk for 9 months.

(*xiii*) in the Out-Patients Department for 6 months.

(*xiv*) a course of not less than 30 lectures (with Clinical Instruction) in Opthalmology, and a similar course and clinical instruction in the diseases of Ear, Nose and Throat.

(*c*) Certificate of having had instruction in administering anæsthetics.

FACULTY OF ENGINEERING

B. E. Examination

1. The examination for the degree of Bachelor of Engineering shall be held once a year in Hyderabad at such time and on such date as the Syndicate may prescribe.

2. The examination shall be open to students who have passed the Intermediate Examination of this University or of a recognized University with Mathematics, Physics and Chemistry as their Optional subjects.

3. The course of instruction shall extend over four years, of which 3 years shall be spent in the College and the fourth year chiefly on works. University Examinations will be held at the end of the 2nd and the 3rd years and will be known as **Part I** and **Part II** examinations. Part II examination will be the final test for the Degree.

4. Applications for admission and certificates of attendance and progress in the prescribed form together with a fee of Rs. 20 for the Part I examination and of Rs. 30 for the Part II examination shall be forwarded by the Secretary so as to reach the Registrar four weeks before the examination.

The attendance required shall not be less than 67 % of the full course of lectures delivered in each subject.

5. Upon the recespt of the application, the attendance certificates and the fees prescribed the Registrar shall, at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall, if called for.

N. B.—A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

6. The B. E. examinations shall be conducted by means of printed papers and papers will be set and answered in Urdu.

7. The subjects for the examination shall be as follows :—

Part I—Examination.

1. Pure Mathematics :—

(a) Analytical Geometry, Plane and Solid.
(b) Calculus ..Integral Calculus
Differential Calculus
Differential Equations

One paper

2. Applied Mathematics : --
   (a) Statics   .. ⎫
   (b) Dynamics   .. ⎬   One paper
   (c) Hydrostatics   .. ⎭

3. Surveying : One paper.

4. Elasticity and Strength of Materials and Theory of
   Structures.   One paper.

5. Heat Engines and Theory of Machines.   One paper.

6. Engineering Design and Geometrical Drawing.
                                           One paper.

Part II -Examination.

Civil.

1. Higher Theory of Elasticity and Theory   One paper
   of Structures.
2. Higher Geodesy   ..   ..   do
3. Hydraulics   ..   ..   do
4. Irrigation   .   ..   do
5. Civil Engineering and Reinforced Concrete.   do
   Design.

Mechanical.

1. Higher Theory of Elasticity and Theory   do
   of Machines.
2. Hydraulics   ..   ..   do
3. Thermodynamics   ..   ..   do
4. Metallurgy and Fuel   ..   ..   do
5. Machine and Machine-Tool Design   ..   do

8. No candidate shall be declared to have passed the examination unless he obtains $33\frac{1}{3}$ per cent. of the marks in each paper. Those who obtain 70 per cent. or more of the marks in the aggregate shall be placed in the First Class, and those obtaining 50 per cent. in the Second Class.

Candidates failing at the B. E. Part I examination only in one subject shall be promoted to the higher class, and shall be allowed to appear at the next Part I examination only in the subject in which they had failed.

Such candidates will not be entitled to any class, prize, medal or scholarship.

9. A certificate setting forth the date of the examination. the subjects in which he was examined and the class in which he was placed shall be given to each successful candidate. The

certificate of the Part I examination shall be signed by the Registrar and that of the Part II by the Chancellor.

10. Civil Engineer students who are successful at the final examination shall be attached for one year to a Public Works Division where large works are in progress and shall be regularly instructed in the preparation of materials, the practical details of construction, the management of labour and in the system of accounts. Mechanical Engineer students shall spend the final year in a recognised Engineering Workshop. The Degree of Bachelor of Engineering (B. E.) will be awarded to those students who have, after successfully passing their Degree Examination, undergone one year's practical training as approved by the President.

FACULTY OF EDUCATION

DIPLOMA IN EDUCATION.

— —

1. Candidates for the Diploma in Education must be graduates in Arts or Science of the Osmania University or of any other University recognised by it.

2. The course of study and training for the Diploma in Education shall extend over one academic year of three terms with the necessary attendance of 75% at the Osmania Training College of the University at Hyderabad-Deccan.

3. The examination shall be a written examination conducted by means of printed papers. Besides the written examination there will be a practical examination in the teaching of one of the two subjects selected under section IV to test the candidates' skill in teaching. In determining the standard due regard will be paid to the college-record in practical lessons.

Every candidate shall be required to give at least one lesson in the presence of a Board of two Examiners —one internal and one external.

4. The course will consist of lectures, select readings and discussions in conference, besides practice in the handling of classes and the giving of instruction followed by discussions.

Every candidate will be required to give not less than 20 lessons under supervision during the year.

5. Candidates shall be required to undergo a course of instruction and be examined in :

(i) Principles of Education and Psychology.
   (a) Principles of Education.
   (b) Elementary Educational Psychology.

(ii) School Management and Hygiene.

(iii) History of Educational Ideas and select Classics in Education.

(iv) Methods of Teaching of any two of the following subjects :

   Physical or Biological Sciences, History, Geography, Mathematics, English, Urdu, Marathi, Kanarese, Telugu and Indian Classical Languages.

(v) Special Subjects—one of the following :—

(*a*) Modern Educational Systems and Problems.
(*b*) Advanced Educational Psychology.
(*c*) Child Education.

Instruction will also be imparted in the following additional subjects, but no examination will be held therein :—

(*a*) Blackboard Illustration.
(*b*) Manual Training and Handwork or Nature Study and Gardening.
(*c*) Physical Training.

The allotment of marks shall be as follows :—

(i) Principles of Education and Psychology—100 marks of which 50 marks shall be assigned to Principles and 50 to Elementary Educational Psychology.

(ii) School Management and Hygiene—100 marks of which 30 marks shall be assigned to school Hygiene.

(iii) History of Educational Ideas and select Classics in Education—100 marks of which 30 marks shall be assigned to Classics.

(iv) Methods of Teaching—100 marks of which 50 marks shall be assigned to each of the two subjects.

(v) Special subjects—100 marks of which 25 marks shall be assigned to the College record.

All papers shall be of 3 hours' duration each.

(vi) Practical Examinations—200 marks of which 100 marks shall be assigned to the College record.

Candidates who obtain not less than 30% of the marks in papers 1 to 5, and 33% in the aggregate of the written examination, and 35% in the practical examination shall be declared to be eligible to receive the Diploma in Education. All other candidates shall be deemed to have failed. Of the successful candidates those who obtain not less than 60% of the total marks shall be placed in the First Division, and those who obtain not less than 45% of the total marks shall be placed in the Second Division. The remaining successful candidates shall be considered to have passed in the Third Division. Successful candidates who obtain not less than 65% of the marks in the paper relating to the methods of Teaching (iv) shall be declared to have obtained distinction in that subject. In practical examination candidates who obtain 50% of the marks shall be placed in the Second Division and those who secure 65% shall be placed in the First Division.

18. TEXT-BOOKS.

FACULTY OF ARTS.

MATRICULATION EXAMINATION.

Note: —In Languages except English the University Examination will be held in the text-books prescribed for the IX and X Classes. In English the Examination will be held in the text-books prescribed for the X class only. In the other subject the University Examination will be held in the three years' courses.

A. COMPULSORY.

1. ENGLISH.

1343-1344 F. (1934-1935).

CLASS VIII.—Sessions 1341-1343 F.

Detailed : -Macmillan's High School Reader No. 2.

Non-Detailed : —David Copperfield. Abridged edition published by E. M. Gopal Krishna Kone.

CLASS IX. -Sessions 1341-1343 F.

Detailed : —New selections of Prose and Poetry Book I, published by E. M. Gopal Krishna Kone, Broadway, Madras.

Non-Detailed :—Forerunners by Rawlinson (Oxford University Press).

CLASS X.—Sessions 1342-1344 F.

Detailed : --New selections of Prose and Poetry Book II published by E. M. G. Kone omitting the following : −

> *Prose* :-

> The Death of Abhimanyu.

> *Poetry* :—

>> (1) The Warrior's Vanity.
>> (2) Rama's Noble Conduct.
>> (3) Say not the Struggle not availeth.
>> (4) The Noble Nature.
>> (5) To-day.
>> (6) La Belle Dame Sans Merci.
>> (7) Hubert and Arthur.
>> (8) Flodden.

Non-Detailed :—Treasure Island by R. L. Stevenson, Arnold English Literature Series, published by Edward Arnold.

TEXT-BOOKS

2. URDU.

۱۳۴۲ - ۱۳۴۳ (ف –) (۱۹۳۳ - ۱۹۳۵)

برائے جماعت ہشتم نصاب اردو مطبوعـه انجمن ترقی آرد و برائے

جماعت ہاۓ نہم و دھم   ,,   ,,   ,,   ,,

مصباح القواعد دو لفه فتح محمد جالند ھری

3. ELEMENTARY MATHEMATICS.

Arithmetic, Algebra, Geometry and Mensuration :—
No book is prescribed.   For detailed syllabus see Appendix.

4. SCIENCE.

The following books are recommended.   For detailed syllabus see Appendix.

(1) Physics for Matriculation Students. 2 parts, (Osmania University Series).

(2) Chemistry for Matriculation Students, (Osmania University Series).

5. INDIAN HISTORY AND GEOGRAPHY

(1) Syed Hashimi's Matriculation History of India. (Osmania University Series).

(2) Marsden's Geography for Senior Classes (Osmania University Series) is recommended.   For detailed syllabus in Geography see Appendix.

6. THEOLOGY OR MORALS.

1343-1344 F.   (1934-1935)

A. Theology :—

(1) Aqaid and Akhlaq.

Aqaid-i-Islam : Translation of Fiqh-i-Akbar from pages 54 to the end.   The Qaiyumi Press, Cawnpore.

(2) Fiqah :—

The following chapters of Ahsan-ul-Masail :—

(*i*)   Kitab-ut-Taharat.
(*ii*)   Kitab-us-Salat.
(*iii*) Kitab-uz-Zakat.
(*iv*)   Kitab-us-Sawm.
(*v*)   Kitab-ul-Haj.
(*vi*)   Kitab-un-Nikah.
(*vii*) Kitab-ur-Riza.
(*viii*) Kitab-ut-Talaq.
(*ix*)   Kitab-ul-Iman.

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   (*x*) Kitab-us-Said-waz-Zabaih.
   (*xi*) Kitab-ul-Karahat.
   (*xii*) Kitab-ul-Adhiyah.
   (*xiii*) Kitab-ul-Waqf.

B. *Morals.* –(for Non-Hanafi and Non-Muslim students
Tariq-i-Saadat, Parts 1 and 2. Translation of Youth's
Noble Path by Zamin Ali Kanturi.

B. OPTIONALS.

1. CLASSICAL LANGUAGES

(*a*) ARABIC.

1343 F.—1344 F (1934-35.)

نثر ـ مجانى الادب ـ جزء اول ا ز صفحـه ٥٥ تأصفحـه ١٨٤ يعنى الباب
السـادس فى الحـكايات و اللطـايف تاخـتم الباب العـا شـر فى غرائب
الموجودات.

سرسر ى مطالعه کے لئے ـ مجانى الادب ـ جزء اول ار ابتداء تا صفحه
٣ه ـ الباب الاول ناختم الباب الخامس.

نظم ـ قصيده برده ـ امام البوصيرى (دکمل).

صرف و نحو ـ النحو الواضع للدارس الابتدا ئيه ـ جزء اول دوم و سوم
دولفه على الجارم و دصطفى أدين دطبو عه دطبع المعارف ـ قاهر ه.
هدايت ـ اصول قواعد کى بحثوں کو اردو میں سمجها نا اور تمر نیات کى
مشق کرانا اساتذہ کا فریضه هوگا ـ ترجمه عربى سے آردو اور آردو سے
عربى میں هوگا.

(*b*) SANSKRIT.

1342-1344 F. (1933-35)

CLASS VIII.

Prose :—Gadyavalli, Part II. pages 95-110, by P. V. Kane
(Macmillan & Co.)

Poetry :—Padyavalli, first 11 pages by P. V. Kane.

Grammar :—Dr. Bhandarkar's First Book (the whole) and first
five lessons of Book II.

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CLASS IX.

Prose :—Gadyavalli, Part II, pages 110-145.

Poetry :—Padyavalli, pages 1-22.

Grammar :—Dr. Bhandarkar's Book II the whole except "Aorist" for 1342 F and upto "Perfect" for 1343 and 1344. F.

CLASS X.

Prose :—Hitopadesha, the whole of Mitra Labha. (Nirnaya Sagar Press. Bombay).

Poetry :—Navakusuma Staveka by Hari Har Shastri.

Grammar :—Dr. Bhandarkar's Books I and II, the whole except "Aorist"

N.B.—Special attention to be paid to subject matter. Translation exercises should be carefully gone through. Conversational lessons should be given. Attempts should be made to develop the students' power of expression who should be made to narrate simple stories or describe simple objects in Sanskrit. The teaching should aim at inculcation of appreciation of the study of Sanskrit Literature and the Culture embodied in it in the minds of the students.

(c) PERSIAN.

1342-1344 F. (1933-1935).

CLASS VIII.

Durar-i-Farsi, Part I by Dr. Nizamuddin, 2nd edition published by Azam Steam Press, Hyderabad.

Grammar :—Makhzanul Qawaid, pages 1-48 by Mirza Ali Raza Mahir, from the beginning to Chapter II, fasl II.

Maktabai Ibrahimiah, Muhiuddin Buildings, Hyderabad-Dn.

CLASS IX.

Durar-i-Farsi, Part II by Dr. Nizamuddin, 2nd edition, published by Azam Steam Press. Omitting the following pages:— 9-27, and 63-76.

Grammar :—Makhzanul Qawaid, pages 49-88.

CLASS X.

Durar-i-Farsi, Part III by Dr. Nizamuddin, 2nd edition, published by Azam Steam Press ; Omitting the following pages :—67 to 81 and 129 to 140.

Grammar :—Makhzanul Qawaid from pages 89 to 114.

2. MODERN LANGUAGES

(a) MARATHI.

1343-1344 F.

CLASS VIII.   *Sessions* –1341-42 *F.*

(1) *Prose :*—Maharashtra Vangmaya Praveshika, Part I, pages 1 to 101, by G. G. Kanetkar (Macmillan & Co., Bombay).

(2) *Poetry :*—Maharashtra Vangmaya Praveshika, Part I, pages 160-183, Lessons 1 to 11 by the same author as above.

(3) *Grammar.*—R. B. Joshi's Book II, pages 1 to 98, Lessons 1 to 18. (Chitrashala Press, Poona City).

(4) *Composition :*—V. V. Bhide's Nibandha Lekhan –Descriptive Essays (Chitrashala Press, Poona City).

CLASS IX.   *Sessions* -1341-1342 F.

(1) *Prose :* —Maharashtra Vangmaya Praveshika, Part II, pages 1 to 127, Lessons 1 to 13, by G. G. Kanetker, (Macmillan & Co., Bombay).

(2) *Poetry :*—Maharashtra Vangmaya Praveshika, Part II, pages 152 to 179, Lessons 1 to 12, by the same author as above.

(3) *Grammar :*—R. B. Joshi's Book II, Lessons 19-26, pages 101 to 146.

(4) *Composition :*—V. V. Bhide's Nibandha Lekhan -Narrative Essays.

CLASS X.   *Sessions* –1342-1343 F.

(1) *Prose :*—Jagachen Vangmaya (the whole), Book I (excluding Poetry pieces), by R. P. Sabnis, (Macmillan & Co., Bombay).

(2) *Poetry :*—Padya Samuchhaya by R. B. Joshi, Portion— Part I, pages 1 to 44.

(3) *Grammar :*—R. B. Joshi's Book II (the whole).

(4) *Composition :*—V. V. Bhide's Reflective Essays from Nibandha Lekhan.

Vrittadarpana by P. R. Godbole, bearing on meters included in the texts.

(*b*) TELUGU.

1343-44 F. (1934-35 A. D.)

CLASS VIII.

Prose :—Sath Katha Manjari Part I by Gollapudi Sri Rama Sastri, (Victoria Jubilee Press, Chittoor).

Poetry :—Kavya Sangrahamu, Part I by A. Rama Rao Pantulu· (Published by Venkat Rama Rao, Ellore). Govyaghra , Samvadamu. Chandramati Pativratyama. Sree Krishan Niryanamu.

Grammar :—Sulabha Vyakaranamu, Part I by V. Subba Rao.

CLASS IX.

Prose :—Navarasa Kadambari by M. Nagalinga Shastri Tennali, (Andhra Mudrarshara Sala, Tennali).

Poetry :—Draupadi Swayamvaramu (Annotated by Ch. V. Joga Rao, B. A. Maharaja's College, Vizayanagaram). (The Educational Publishing House, Vizayanagaram). Pages 1 to 27, from the beginning to 96th Verse.

Grammar :—Sulabha Vyakaranamu by V. Subba Rao, Part II.

CLASS X.

Prose :—(*a*) Sanskrit Bharatamu by K. Krishna Somayazi, M. A., L. T., Guntoor, (Chandrika Press, Guntoor).

(*b*) Stories Palnad Heroes in Telugu by Akkariaja Umakantam Vidyasekhar. (Macmillan & Co., Ltd., Madras).

Poetry :—Draupadi Swayambaramu, annotated by Ch. V. Joga Rao, B. A., Maharaja's College, from pages 27 to 53 and from pages 96 to 202—106 Verses. (The Educational Publishing House, Vizayanagaram).

Grammar :—Sulabha Vyakaranamu by V. Subba Rao, Parts I, II and III.

(*c*) KANARESE.

1343-1344 F. (1934-1935).

CLASS VIII.

Prose :—Veera Ratnagalu by Venkatesh Bhima Rao, Alur Dharwar.

Poetry :—Karnataka Maha Bharata, 5th Vol. Virata Parva, Sandhis 6 and 7.

Grammar :—Vyakarna Sara Sangraha.

CLASS IX.

Prose :—Champakamalini by Rajamma. Madras. (First Half)

Poetry :—Karnataka Maha Bharata. 5th Vol. Virata Parva, Sandhis 8 and 9.

Grammar :—Vyakarana Sara Sangraha.

CLASS X.

Prose : —Champakamalini by Rajamma. Madras. (the whole).

Poetry :— Selections from Kolalu by K. V. Potapa. Pages 1-90

Grammar :—Vyakarana Sara Sangraha.

3. HISTORY OF ENGLAND.

Bukley's History of England (O. U. Series).

4. ALGEBRA AND GEOMETRY

No book is prescribed in Algebra & Geometry. Syllabuses are given in the Appendix.

5. COMMERCE.

Syllabus to be notified later on.

6. DOMESTIC SCIENCE.

Sylabus to be notified later on.

C. SCHOOL SUBJECTS.

The detailed syllabuses in Drawing, Physical and Manual Training are given in the Appendix.

INTERMEDIATE EXAMINATION.

1343-1344 F. (1934-1935).

ENGLISH.

I. *Poetry :*— (A) English Narrative Poems by H. Newbolt (Edward Arnold & Co.). The following Selections :

     1. Michael   ..   ..   ..Wordsworth
     2. The Ancient Mariner   ..   ..Coleridge

(B) Tennyson's Select Poems, edited by G. K. Allen, published by G Bell & Sons. The following Poems :

1. Recollections of the Arabian Nights.
2. The Lotos-Eaters.
3. Ulysses.
4. The Lord of Burleigh.
5. The Lady of Shalott.
6. Sir Galahad.
7. The Brook.
8. Tithonus.
9. Enoch Arden.

II. *Prose* —(*A*) *Detailed* - -

1. Selected Essays from English Literature by Elizabeth Lee (Edward Arnold & Co.). The whole, omitting the following ·
    1. Francis Bacon.
    2. Abraham Cowley.
    3. Goldsmith.
2. Essays on Goldsmith and Selections from his Writings. Edited by Hadow and Wheeler, Pages 95-168.
                        (Oxford Univ : Press)
    (B) *Non-Detailed.* Lorna Doone (Abridged Edition the Arnold English Literature series).

عربی

نثر ـ سوره طه (مكمل)

كليلة ودمنه ـ نصف اول تا ابتداء باب الحماسة المطو قه ـ صفحه ۲۸
مقامات بديع الزمان ـ (۶) سے (۱۰) تك دفامه اسديه سے ختم
دمقامه اصفهانيه تك

نظم ـ حماسة ـ ابواب ذيل :ـ
باب الادب نصف اول وباب الصفات كامل ٠
باب الا ضياف والمديح ميں سے ابتدائى صرف ۲۵۰ اشعار ٠
مطالعه سرسرى كے لئے :ـ

البوساء مؤلفه حافظ محمد ابراهیم مطبوعه قاهره جزء اول تا
صفحه ۱۰٦ عروض و قافیه وبلاغت (معانی ـ بیان وبدیع) :۔

علم الادب مصنفه لویس شیخو (مطبوعه بیروت) انتخابات از
حصه اول ۰

صرف ونحو :۔

کتاب النحو الواضح فی قواعد العربیه للمدارس الثانویه ـ الجزء الاول
والثانی و الثالث ۰

هدایت :ـ اصلی قواعد کے تمرینات اساتذه اردو میں سمجھائینگے ۰

مطالعه سرسری کا امتحان رحمه و فواعد کے ساتھ ہوگا ۰

فارسی

نظم قدیم (۱) قصائد ـ

(الف) سعدی

علم دولت نوروز بصحرا بر خاست
بهمدادان که تفاوت به کند لیل و نهار
بخامیں رود آن شاهد شکر گفتار

(ب) عرفی

اقبال کرم می ازد ارباب هم را
اے داشته در سایه هم تیغ قلم را
هرسوخته جانے که به کشمیر در آید
اے متاع دود در بازار جان انداخته

(ج) قاآنی

بنفشه رسته از زمیں به طرف جو یار ها
نسیم خلدی وزد مگرزجو یارها
صبح دم کز جانب مشرق بر آمد آفتاب
عید ست وجام زر فشان ہے گر انبار آمده

(۱) غزلیات

(الف) سعدی

این توئی یا سرو بستانی بر فتار آمده است
چون ملک گدایان به جهان سلطنتے نیست
گرگویمت کہ سروی ، سر وآن چمان نباشد
نہ شرط عشق بود کز بلابہ پرهیزند
اگر دستم دهد روزے کہ انصاف از تو بستانم
آندوست کہ من دارم وآن یارکہ میدانم
بخدا اگر بمیرم کہ دل از تو بر ندارم
سالها درے مقصود بجاں گردیدم
آستیں بر روے نقشے در میان افگندۂ
دانمت آستیں چرا پیش جمال من کشی

(ب) حافظ

اگر آں ترک شیرازی بدست آرد دل مارا
صوفی بیا کہ آئینہ صاف است جام را
صبا به لطف بگو آں عزال رعنا را
زاهد ظاهر پرست از حال ما آگاہ نیست
شگفتہ شد گل حمرا و گشت بلبل مست

خوشتر ز عیش و صحبت و باغ و بهار چیست

در ذره دقـال دلـ بزم فـنـد حـے در دست

کنون که در کف گل جام و بادۀ صاف است

عیب رندان مکن ای زاهد پاکیزه سرشت

صبا اگر گذری به سمت به کشور دوست

بـه فـن ... مکـسـه شـر ... کـه زه دالست

بخر ینـست خـر عشق که هیچ چشم کناره نیست

دیدی که یار جز سر حور و ستم نـه داشت

از میخـانه و ... ... و نشـان حواهد بود

دل ے جـمـ ... ... سـ ... ے سـه دار د

صوفی نهاد دام و سر حقـه بـاز کرد

غـلام ... آن دست و ... حـــدار انـد

زلف بر ... ت در دست صبا افتد

... ... تنبـاری و ساعر نمی کنم

الـو حبیـر دار دستم که بـ دلدار بنشینم

ای خسرو خوبان نظر ے سوے المـاکن

... که مهر دۀ مهر م به عشق ورزیدن

ناب بنفشه ... طره مشک سـائے تو

تاب بنفشه میـشکـ چون مشک سـے و

ازمن حـســد مشـو که توام نور دیـدۀ

ای دل به کوے عشق گذارے نمیکنی

سایـه سـ ... اوست و بهر ... ب جوے

... ... خلابـق که تویی یوسف ثـانی

ز کوے یـارمی آید نسیم باد نوروزی

صبا و نکهت آب زلف مشکبو داری

نظم جدید

(۱) ،، وطن چیست ،، ـ شایگان طهرانی

(۲) ،، امید بشر ،، ـ نصر الله فلسفی

(۳) ،، افکار یك شب تابستان ،، عبد الحسین احمد بختیاری

(۴) ،، علم و هنر ،، ـ وحید دستگردی

(۵) ،، خوانند بهار دهر گان را ،، ـ   حیدر علی کمانی اصفهانی

(۶) ای مرغ سحر چون این شب تار ـ دیر را علی اکبرخان ده خدا

(۷) ،، یك دورهٔ زندگی ،، ـ حلال الممالك

(۸) ،، خدا و قمر ،، ـ   ،،

(۹) ،، شکنج طره ،، ـ   عارف قزوینی

(۱۰) ،، وادی عشق ،،   ،،

(۱۱) دست بر طرهٔ آن زلف پریشان نرسید،،

(۱۲) ،، گربد ،، ـ   ،،

(۱۳) ،، مقاومت ،، رسید یاسمی

(۱۴) چکامهٔ دما وندیه ـ ملك الشعراء،،بهار

(۱۵) ساقی دهوش ندانم تا چه در پیمانه کرد   ﴾ محمد علی ناصح

(۱۶) در آئینت وفا گر هست و گر نیست

(۱۷) آفرین باد بر سروش ادیب ـ الممالك

نثر

(۱) گلستان ـ دیباچه ـ باب هفتم و هشتم

(۲) انوار سهیلی ـ باب اول تا آخر حکایت دهم ـ

(۳) لسان العجم حصه اول مولفه میر حسین علی ـ

(۴) راه نو ـ جلد سوم از ابتداء تا اخیر باب پنجم

بستمے بب دوم :ـ

(٥) بهار بلاغت مونعة قلمد ر على از صفحه ١ تا ١٢٩ ـ

ابتدائى عربى

مبادى القراۃ از نتیده ـ آخز والاولى تالیف محمد عبید دطبعۃ المعارف
بمصر ـ (یہ کتب دیکانیں کمپنی سے دستیاب ہوسکتی ہے ۔)

فارسی نظم و نثر لے انتخاب ت اعظم استیم ر س سے شایع ہونگے ۔

اردو

نثر :ـ

(١) نکات عند و نقد نظام الدین صحب نظامی دطبوعۀ
مطبع نظامی بدابون ۔

(٢) روز نامچہ غاب مرتبہ حسن نظامی

(٣) فسانہ مبتلا ـ نذیر احمد (بستثنی ـ فصل ٩ '' مبتلا اور عارف
کا مباحثہ '') ۔

(٤) '' اؤدات سلیم ''

مطالعہ سرسری

مشاعرہ دہلی سنه ١٢٦١ ہ مرتبہ مرز افرحت الله بیك ۔

نظم :ـ

(١)   دیوان حلی

(ب) دیوان یقین ٦٤ صفحت

(ج)   دیوان غاب حسب ذیل عزایت :ـ

(١) درد منت کشی دیوانہ ہوا

(٢) پھر مجھے دیدۀ تر یاد آیا

(۳) ہوئی تاخیر تو کچھ باعث تاخیر بھی تھا

(۴) جور سے باز آئے پر باز آئیں کیا

(۵) دوست غمخواری میں میری سعی فرما ئینگے کیا

(۶) گھر جب بنالیا ترے در پر کھے بغیر

(۷) لازم تھا کہ دیکھو مرا رستا کوئی دن اور

(۸) آہ کو چاہئے اک عمر اثر ہونے تک

(۹) وہ فراق اور وہ وصال کہاں

(۱۰) مزے جہاں کے اپنی نظر میں خاک نہیں

(۱۱) کی وفا ہم سے تو عیر اسکو جفا کہتے ہیں

(۱۲) یہ ہم جو ہجر میں دیوار ودر کو دیکھتے ہیں

(۱۳) سب کہاں کچھ لالہ و گل میں نمایاں ہو گئیں

(۱۴) دل ہی تو ہے نہ سنگ وخشت درد سے بھر نہ آئے کیوں

(۱۵) رہئے اب ایسی جگہ چلکر جہاں کوئی نہ ہو

(۱۶) مسجد کے زیر سایہ خرابات چاہئے

(۱۷) عشق مجھکو نہیں وحشت ہی سہی

(۱۸) کوئی دن گر زندگانی اور ہے

(۱۹) کوئی امید بر نہیں آتی

(۲۰) دل ناداں تجھے ہوا کیا ہے

(۲۱) پر کچھ اک دل کو بیقراری ہے

(۲۲) پر اس انداز سے بہار آئی

(۲۳) بازیچۂ اطفال ہے دنیا مرے آگے

(۲۴) ابن مریم ہوا کرے کوئی

(۲۵) کبھی نیکی بھی اس کے جی میں گر آجاے ہے مجھ سے

(۲۶) مدت ہوئی ہے یار کو مہمان کئے ہوئے

(۲۷) نویدِ امن ہے بیداد دوست جان کے لئے

(۲۸) هان دل درد مند ز مزدہ ساز
(۲۹) خوش ہوا ے بخت کہ ہے آج ترے سر سہرا
(۳۰) منظور ہے گزارش احوال واتہی
(د) شکوہ و جواب شکوہ ۔ اقبال

قواعد

صرف و نحو۔ قواعد آردو مرتبہ مولوی عبدالحق صاحب
عروض و بلاغت ۔ تلخیص عروض مرتبہ نواب حیدر یار جنگ بہادر

بھاشا

ہندی آردو والا مولفہ پنڈت ہری ہر شاستری ۔ حصہ اول و دوم

SANSKRIT.

Prose : —Shakuntala 1st 4 Acts.

Poetry : –Raghuvamsa Canto II.
Gita-Adhyaya II.

Grammar : –Kale's Smaller Grammar.

MARATHI.

Prose : –(1) Vishnu Krishna Chiplunker (Teekatmak Nibandha by Gajanan Trimbak Madkholker. (Arya Bhishan Press. Poona.)

(2) Marathi Vangmaya Vivechana by R. B. Joshi. Publisher M. R. Joshi. B. A., Narayanpeth, Poona.

Drama : –Mrichchakatika, by G. B. Deval.

Poetry : –(1) Nala Damayanti Swayamvarakhyan. by Prof. S. R. Parasnis. New Kitabkhana, Poona City.

(2) Tila kachi Kavita Vanawasi Ful. (Rev. Tilak) by Ujagare. New Kitabkhana, Poona City.

Grammar : –(1) Viyakarna Varil Nibandha. Lessons 1 to 13 by Krishnashastri Chiplunker. Chitrashala Press. Poona City.

(2) Vritta Darpana : –bearing on meters in the text ; by P. R. Godbole,

KANARESE.

Prose :—(Classical)—Adbhuta Ramayana.
(Modern.)—Narasimhabharatigalavara Divya Charita by Srikantha Shastry (Mysore).

Drama :—Swapna Vasavadatta Natakam by Pandit M. D. Alasingracharya.

Poetry :—Harischandra Kavya by Raghavanka, (edited by the Mysore University).
Jaimini Bharata (Sandhis 22, 23, and 24).
Kannada Kaipidi, Part I. (Mysore University Edition).

Grammar : —Halegannada Vyakarana Sutragalu, Basel Mission Press, Mangalore.

N.B.—Kanarese books can be had of M. S. Rao & Co., Avenu Road, Bangalore or Shankar Book Depot, Malmaddi Dharwar or Sathyasodhanalaya Book Dept. Bangalore.

TELUGU.

Poetry :—Madras University Intermediate Selections Telugu.
Selections No. 23 Pages 148-174—232 Verses.
do 55 ,, 571-579—83 ,,

Drama :—Abhignana Sakuntala by K. Veereshalingum Pantulu.

Prose : —(1) Darpa Dalanamu by Gollapudi Sreerama Sastri, Arya Bharati Press, Madras.

(2) Stories from Tagore by Satavadhani Divakarla Tirupati Shastri, Macmillan & Co., Ltd., Madras.

(3) Kanchana Mala by T. Siva Shankar Sastri, Saraswati Press, Rajahmundry.

ENGLISH HISTORY.

(1) Ransome's Advanced History of England (Osmania University Series.)

(2) Montague's Constitutional History of England, (Osmania University Series.)

ISLAMIC HISTORY.

Amir Ali's History of the Saracens.

INDIAN HISTORY AND ADMINISTRATION.

(1) Sayyid Hashimi's Intermediate History of India 4 vols. (Osmania University Series.)

(2) Anderson's British Administration of India (Osmania University Series).

EUROPEAN HISTORY (ANCIENT).

1. Bury's History of Greece, (Osmania University Series).
2. Pelham's Outlines of Roman History, (Osmania University Series).

EUROPEAN HISTORY (MEDIEVAL AND MODERN.)

Thatcher and Schwill's History of Europe. (Osmania University Series.)

ECONOMICS.

(1) Moreland's Introduction to Economics for Indian Students. (Osmania University Series.)

(2) Banarjee's Indian Economics (Osmania University Series.)

SOCIOLOGY.

No book is prescribed for the present ; for detailed Syllabus vide Appendix.

LOGIC.

Deductive and Inductive Logic. (Osmania University Series). For detailed Syllabus vide Appendix.

PSYCHOLOGY.

Psychology by J. R. Angell. For detailed Syllabus vide Appendix.

PHYSICS.

(1) Gregory and Hadley's Class Book of Physics, Parts 1-6. (Osmania University Series).

(2) Practical Physics for Intermediate Students, by Prof. Abdul Rahman Khan, 3 volumes (Osmania University Series.) For detailed Syllabus vide Appendix.

CHEMISTRY.

The following books are recommended :

1. Inorganic Chemistry by Alexander Smith, (Osmania University Series.)

2. A Class Book of Organic Chemistry by Cohen, (Osmania University Series.)

3. A Course of Practical Chemistry to be compiled by Dr. Muzaffaruddin Qureshi.

For detailed Syllabus vide Appendix.

BIOLOGY.

The following books are recommended :—

(A) Botany.

1. Lowson and Sahni's Text-Book of Botany.
2. Rangachariar's Practical Botany.

(B) Zoology.

3. Elementary Zoology for Medical students by Borradaile.
4. J. A. Thomson's Outlines of Zoology.
5. Marshall and Hurst's Junior Course of Practical Zoology.
   For detailed Syllabus vide Appendix.

MATHEMATICS.

The following books are recommended :—

1. Hall and Stevens' Sehool Geometry Part I to IV (Osmania University Series.)
2. Grace and Resenberg, Coordinate Geomentry, Chapters I—IV Corresponding portions only.
3. Plane Trigonometry by Loney, Part I, (Osmania University Series).
4. Geometrical Conics by Cockshot and Walters, (Osmania University Series.)
5. Higher Algebra, by Hall and Knight Part I (Osmania University Series.)
   For detailed Syllabus vide Appendix.
6. Gibson's Calculus. Corresponding portions only.

THEOLOGY OR MORALS.

(A) Theology (for Hanafi students.)

1. Rahmat-ul-lil-Alamin I Part (printed at Rose Bazaar Press, Amritsar, 1916).

ترجمه پارهٔ عم

(پروفیسر کا فرض ہوگا کہ عقائد اور اعمال کے متعلق جو مسائل

آئیں ان کی توضیح کردیں جن پر سوالات ہوسکینگے ۔)

(B) Morals (for Non-Hanafis and Non-Muslims) Hikmat-i Amali, by Sajjad Mirza Beg.

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B. A. EXAMINATION.

1343—1344 F. (1934—1935 A.D.).

ENGLISH.

I. *Detailed Poetry :* --

(*a*) Shakespeare --Antony and Cleopatra.

(*b*) The Golden Treasury -the following selections from Palgrave's Golden Treasury 1929, Edition :

No.

12	A Consolation	..	..	..Shakespeare.
14	To me, fair friend, you never can be old	..		do
18	To his love	..	..	.. do
19	Do	..	..	.. do
23	True love	..	..	.. do
29	Remembrance	..	..	.. do
38	To his Lute	..	..	..Drummond.
49	The Triumph of Death	..	..Shakespeare.
53	Prothalamion	..	..	..Spencer.
58	The Lessons of Nature	..	..Drummond.
71	On His Blindness ..	..	..Milton.
72	Character of a Happy Life	..	..Wotton.
112	L'Allegro	..	..	..Milton.
113	Il Penseroso	..	..	.. do
117	Ode on the Pleasure arising from Vicissitude	Gray.
139	Ye flowery banks o'bonnie Doon	..Burns.
140	The Progress of Poesy	..	..Gray.
142	Ode on the Spring..	..	.. do
147	Elegy written in a Country Church-yard..	do
166	On first looking into Chapman's Homer	..Keats.
177	The Lost Love	..	..	..Wordsworth.
180	A slumber did my spirit seal ..	..	do
193	La Belle Dame Sans Merci	..	..Keats.
200	Desideria	..		..Wordsworth.
202	Elegy on Thyrza	..	..	..Byron.
208	Ode to Duty	..	..	..Wordsworth.
209	On the Castle of Chillon	..	..Byron.
213	Milton! thou shouldst be living at this hour	Wordsworth.
217	Pro Patria Mori	..	..	..Moore.
227	Stanzas written in Dejection near Naples	..Shelley
228	The Scholar	..	..	..Southey.

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No.

No.	Title	Author
232	Elegy ..	..Byron.
240	The Skylark	..Wordsworth.
241	To a Skylark	..Shelley.
244	Ode to a Nightingale ..	..Keats.
245	Upon Westminster Bridge	..Wordsworth.
246	Ozymandias of Egypt	..Shelley.
250	The Reaper	..Wordsworth.
252	To a lady with a guitar	..Shelley.
253	The Daffodils	..Wordsworth.
266	To Sleep ..	.. do
268	A dream of the Unknown	..Shelley.
278	The world is too much with us late and soon	..Wordsworth.
287	Ode on Intimations of Immortality from Recollections of Early Childhood ..	.. do
288	Music, when soft voices die	..Shelley.
289	I strove with none for none was worth my strife.	Landor.
292	To Robert Browning ..	.. do
304	The Nameless one	..Mangan.
310	What can I give thee back, O'liberal	..Browning.
312	If thou must love me let it be for naught	.. do
313	How do I love thee ? Let me count the ways	. do
317	Children ..	..Longfellow.
325	Break, Break, Break ..	..Tennyson.
329	Tears, idle tears, I know not what they mean ..	do
334	Come into the garden Maud	.. do
335	In Love, if love be love, if love be ours	.. do
340	The Lost Leader	..Browning.
341	Home thoughts from abroad	.. do
342	Home Thoughts from the Sea	.. do
344	A woman's last word ..	.. do
348	Rabbi Ben Ezra	.. do
365	Shakespeare	..Arnold.
369	Philomela ..	.. do
370	Requiescat..	.. do
374	Heraclitus ..	..Cory
381	Song ..	..Rossetti.
382	Remember	.. do
392	Itylus	..Swinburne.
394	A Forsaken Garden ..	.. do
397	Out of the night that covers me ..	..Henley.
402	Gird on thy Sword	..Robert Bridges.
404	Nightingales	.. do
405	In Memoriam F. A. S. ..	..R. L. Stevenson.
413	The Lake Isle of Innisfree	..Yeats.
414	The folly of being Comforted	.. do

No.

419	For the Fallen	..	..	..L. Binyon.
424	Sea-Fever	..	..	..John Mase-field.
429	After Ronsard	..	..	..Charles Williams
430	The Soldier	..	..	.Rupert Brooke

2. Detailed Prose.

A.   Selected Modern English Essays. (World's Classics) the following selections :—

1. William Hale White ..." The Break-up of a Great Drough'
2. Samuel Butler ..." Ramblings in Cheapside."
3. Henry Austin Dobson   " An Old London Bookseller."
4. Mrs. Alice Meynell   " Mrs. Johnson."
5. R. B. Cunningham   " With the North-East Wind." Graham.
6. Do ..." Set Free."
7. W. H. Hudson ..." Her Own Village."
8. Henry W. Nevinson ..." A Farewell to Fleet Street."
9. Sir Walter Raleigh ..." Don Quixote."
10. Maurice Henry Hewlett ." Wind in the Downs."
11. Do ..." The Crystal Vase."
12. Logan Pearsall Smith ..." The Rose.   "
13. John Galsworthy ..." A Portrait."
14. G. S. Street ..." Fog."
15. A Clutton-Brock ..." Sunday before the War."
16. Do ..." On Friendship."
17. E. V. Lucas ..." Ville d'Avray."
18. Hillaire Belloc ..." On an Unknown Country."
19. H. M. Tomlinson ..." The Master."
20. S. Somerset Maugham ..." The Beast of Burden."
21. Edward Thomas ..." Aunt Ann's Cottage."
22. Robert Lynd. ..." The Humour of Hoaxes."
23. J. C. Squire ..." On Destroying Books."

B.   Longer specimens of Modern English Prose.
(Omitting Newman, Harrison and Galsworthy.)
(Oxford University Press.)

3. Non-Detailed :—

Sheridan—School for Scandal annotated by G. B. Boas (Edward Arnold).
Selected English Short Stories : —(third series) ; (Oxford University Press), the following stories : —
1. The Old Nurse's Story.
2. The journey to Panama.
3. La Mere Bauche.

4. The Lady of Glenwith Grange.
5. Esther.
6. The Idyll of Red Gulch.
7. An Occurrence at Owl Creek Bridge
8. Will O' the Mill.
9. A Daughter of the Ledge.
10. The open Boat.
11. The Ghost Ship.
12. Life of Ma Parker.

, , (3)   A Brief History of Civilization by Hoyland.
(Latest special edition for Muslim University.)

4.   *English Literature :—*
(1) Stopford A. Brooke's Primer of English Literature Mac-
millan 1928 or later edition.
(2) Outline History of English Literature by W. H. Hudson.

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ARABIC.

نثر۔ (۱)   پاره عم نصف آخر

(۲)   مقامات حریری ۔ خطبه اور مقامات ۲ ۔ ۱۳ ۔ ۱۷

۲۱ ۔ ۳۶ ۔ ۴۶

(۲)   البخلاء للجا حظ تا قصهٔ محمد بن ا بی المؤمل صفحه (۱۰۰)
مطبوعه مصر

نظم۔ (۱)   الحماسه ۔ باب الحماسه ابتدا سے (۳۰۰) شعر
باب المرا ثی ابتدا ئی (۱۰۰) اشعار
باب النسیب ابتدا ئی (۱۰۰) اشعار

(۲)   سبع معلقات ۔ امرء القیس ۔ زهیر ۔ عمرو وبن کلثوم ۔

(۳)   متنبی ۔ حسب ذیل (۶) قصا ید

(۱)   لکل امرء من دهره ما تعودا ۔ الخ

(۲)   علی قدر اهل العزم تاتی العزائم ۔ الخ

(۳)   عدولك مذموم بکل لسان ۔ الخ

(۴)   اریقك ام ماء الغمامة ام خمر ۔ الخ

(۵)   لای صروف الدهر فیه تعا تب ۔ الخ

(۶)   انا منك بین فضائل و مکارم ۔ الخ

</div>

مطالعہ سرسری کے لئے۔

العبرات مولفہ مصطفی لطفی منفلوطی (مصر) تا مضمون "الجز"،

عروض و قافیہ و بلاغت (معانی و بیان و بدیع)

علم الادب۔ مصنفہ لویس شیخو (حصہ اول) منتخبات

تاریخ ادب۔ حسب ذیل کتاب کے مطالعہ کی سفارش کیجاتی ہے:۔

عربك لٹریچر (ادب عربی) اے۔ جے۔ اے۔ آر۔ گب (مطبوعہ
جامعہ آکسفورڈ)

صرف و نحو۔

کتاب النحو الواضح فی قواعد اللغۃ العربیہ للمدارس الثانویہ۔
الجزء الاول والثانی والثالث

ہدایت۔ اصلی قواعد کے مباحث و تمرینات کو اساتذہ اردو میں
سمجھائینگے۔

نوٹ:۔ کتب مطالعہ سرسری کا امتحان ترجمہ و قواعد کے
ساتہ ہوگا۔

SANSKRIT.

Prose :—

1. Uttera Rama Charitra (Calcutta edition).
2. Ishopanishad.
3. History of Sanskrit Literature by A. McDonell, Chs. IX-XVI (both inclusive).
4. Kadambari Sara Sangraha (Macmillan Edition) first 50 pages.

Poetry :—

5. Rigveda Selections, Hymns I to V, (Bombay Sanskrit Series, XXXVI Petersons' Edition).
6. Kavya Prakasha of Mammata by P. P. Joshi, (The Oriental Publishing Co. Girgaon, Bombay) chapter on Arthalankar.
7. Tarka Sangraha by Annam Bhatta.

Grammar and Translation :—

8. Apte's Guide to Sanskrit Composition, the 1st 20 Lessons together with 29th and 30th Lessons.

N.B.—All the books can be had of the Manager Oriental Publishing Company Girgaon, Bombay or Poona City.

Persian.

حصه نظم

(۱) نظم قدیم

قصاید

(۱) انوری

اینکه می بینم به بیداریست یارب یابخواب

اے ترکمی بیارکه عیدست وبهمنست

خوشانواحی بغداد جاۓ فضل و هنر

جرم خورشیدچو از حوت درآید بهحمل

(۲) ظهیر

صبح دگر از مشرق اقبال برآمد

چون بر زمین طلیعه شب گشت آشکار

سپیده دم چو شدممحرم سراۓ سرور

(۳) سلمان

صبح ظفر از مشرق امید برآمد

به چشم و غمزه ورخساروابروومیبرددلبر

بدل رسید سحرگاه در مقام حضور

(۴) قاآنی

دوش برگر دون بیے تابان شهابآمدپدید

الاکه مژده می بردبه یارغمگسار من

عیدستوساقی درقدح صهبا زمینا ریختہ

غزلیات

(۱) عراق

جز دیدن روۓ تومرا کار دگر نیست

زخواب نرگس مست توسرگران برخاست

در کوچهٔ خرابات کسے را که نیازست
جان حدیث عشقت در داستان به گنجد
کردم گذرے به میکده دوش
خیزید عشقان نفسے شور و شر کنیم
ز دل جان غم عشقت رها کردن توان نتوان
اے دل و جان عاشقان شیفته جمال تو
اے بتو زنده حسم و جان مونس جان کیستی
اے زغم فراق توحان مرا شکایتے

(۲) هلالی

من کیستم تا هر زمان پیش نظر بینم ترا
این همه لاله که سر برزده از خاک من است
از حال دل و دیده پرسید که چون شد
غمے کز درد و عشقت بر دل بیمار می آید
اے سودا زے عشق این ست من دیوانه خواهم شد
پیش از آن روز یکه خاک قالبم گل ساختند
بامن اول آن همه رسم وفاداری چه بود
یا رب غم بے مهری جانان به که گویم
بیارے یوسف عمرے وفا کردم ندانستم
بهار می رسد اما بهار را چه کنم

(۳) مولانا روم

(دیوان شمس تبریزی)

بنمای رخ که باغ و گلستانم آرزوست
مرا عقیق تو باید شکر چه سود کند
درخت اگر متحرک بدے بپا و به پر
المنته قه که زیبکار برستم

با روئے تو ز گلشن و گلزار فارغیم

منم آنک نیازمندے که بتو نیاز آرم

چه تدبیر اے مسلمانان که من خود را نمیدانم

(۴) جامی

یا من بدا جمالک فی کل ما بدا

چه بخت بود که ناگه بسر رسید مرا

احسن شوقا الی دیار لقیت فیه جمال سلیمی

ساقی بیا که دور فلک شد بکام ما

خوبان هزار و از همه مقصود من یکیست

توئی که درد و نعمت یار ناگزیر بر منست

آن کیست سوارہ که بلاۓ دل و دینست

بحمداللہ که بازم دیدہ روشن شد ز دیدارت

ترا چو مشک تر از برگ یاسمن خیزد

دل برد ز من فتنہ گرے عشوہ نماۓ

مثنویات

(۱) سکندرنامہ نظامی

ظفر یا فتن سکندر بر لشکر زنگیان

مراجعت سکندر از جنگ زنگیان و بنا کردن اسکندریہ

(۲) شاهنامہ فردوسی

کشتی گرفتن رستم با سهراب ۔ تا کشتہ شدن سهراب

(۳) مثنوی مولانا روم

قصہ بازرگان کہ طوطی اورا پیغام داد

بہ طوطیان هندوستان ۔ تا وداع کردن طوطی خواجہ راو پریدن

(ب) نظم جدید

(۱) مسدس ورایوان مدائن ،، مطبوعہ ایرانشهر برلن

در وادی فکرت بود یك شب دل من حیران

دنیاست مغاك هم ظلمت كدهٔ ویران

(۲) رهی مشهدی

دو چیز افزونی دهد برمردم افزون طلب

زرنج دستن اگر آسمان نزار آورد

آمد ز کوی بلقیس آن هد هد خجسته

(۳) ادیب الممالك فراهانی

شکست دستی کز خامه نس نگار آورد

اینسوده برتر از عرش بیهم سرفرازی

(۴) رشید یاسمی

گره آن هواره از کان گهر بیرون شود

(۵) حبیب اصفهانی

دیشب بر تخت بر حست آن فتنهٔ نشسته

(به استثناء شعر هشتم)

(۶) جلال الممالك

بادشبی روت به عزم تكار

(ج) حصه نثر

(۱) ابوالفضل

دفتر اول ـ از ،، فرمان حضرت شاهنشاهی به اعظم خان

کوکتاش ،، تا آخر دفتر ـ به استثناء فرمان در منع زکوة

دفتر دوم ـ از ابتدای رقعه ،، ناظم در معقول و منقول

شیخ فیضی فیاضی ،، تا آخر دفتر به استثناء رقعات از

ابتداء ،، بحکمت پژوه شمس الدین علی ملقب به حکیم

عین الملك ،، تا آخر رقعه ،، پیر شریف آملی ،،

(۲) نثر اول از سه نثر ظهوری

(۳) لسان العجم ـ حصہ دوم ـ باب اول

(۴) رہبر نژاد ہو (از صفحہ ۱ تا ۶۷)

(۵) سیاحت نامہ ابراہیم بیگ از ابتدا تا سیاحت

طہران ۔ مطبوعہ انوار احمدی پریس الہ آباد } مطالعہ سرسری

(۶) ابراہیم لینکن   مطبوعہ برلن ایرانشہر

(د) مباحث عروض و بیان و بدیع   حدایق البلاغت

(ہ) تاریخ ادبیات ایران

(۱) جغرافیای ایران

(۲) مختصر تاریخ ایران

(۳) میخی کتبے (خط مسماری)

(۴) زردشت و اوستا

(۵) پہلوی ادب اور ساسانی کارنامے

(۶) قرن زرین اسلام ۔ عربی ادب اور بجمیون کے کارنامے

(۷) فارسی زبان کی بناء اور سامانی دور کا ادب

(۸) غزنوی دور کا ادب

(۹) سلجوقی کے زمانہ کا ادب

(۱۰) ایلخانی دور کا ادب

(۱۱) تیموری دور کا ادب

(۱۲) صفوی دور کا ادب

(۱۳) قاچاری عہد و مشرو طیت

(۱۴) عصر جدید ایران (دور پہلوی)

حسب ذیل کتابوں کے مطالعہ کی سفارش کیجاتی ھے ۔

(۱) لیوی ، پرشین لٹریچر ، (اکسفورڈ یونیورسٹی پریس)

(۲) تاریخ ادبیات ایران تالیف جلال ہمائی جلد اول
مطبوعہ تبریز

(۳) تاریخ ادبیات ایران تالیف براون چار وں جلدوں

میں سے صرف اوّاب بالا کا مطالعہ اجمالی طور پر کیا جائے ۔

(و) ابتدائی عربی

القراۃ الرشیدۃ اجزء الاول تالیف عبدالفتاح صبری بك
و علی عمر علی بك مطبوعہ مطبعۃ المعارف بمصر

(یہ کتاب دیکھیں کہیں سے دستیاب ہو سکتی ہے)

' نوٹ ۔ فارسی نظم و نثر کے اعظم استھم پر یس سے شائع ہونگے ۔

URDU.

نثر ۔

الف ۔ برائے مطالعہ تفصیلی

(۱) یادگار غالب ۔ حالی (حصہ اردو)

(۲) ادبی خطوط غالب ۔ مرتبہ مرزا محمد عسکری

(۳) مقدمات عبدالحق حصہ اول مرتبہ مرزا محمد بیگ
از صفحہ (۲۱۱ تا ۳۰۹)

ب ۔ برائے مطالعہ سرسری ۔

مشرقی تمدن کا آخری نمونہ ۔ شرر

تنقید

(۱) مقدمہ شعر و شاعری حالی

(۲) موازنہ انیس و دبیر ۔ شبلی

تاریخ زبان و ادب

حسب ذیل کتب کی سفارش کیجاتی ہے ۔

آب حیات ۔ آزاد

تاریخ ادب اردو ۔ رام بابو سکسینہ مترجمہ عسکری
لنگوسٹك سروے آف انڈیا ۔ جلد نہم

اکثر موضوعات ذیل کے ابتدائی معلومات پر ہوں گے ۔

(۱) ہندوستان کی زبانیں ۔ آریائی ۔ غیر آریائی

(۲) ہندوستانی ادب کا آغاز و ارتقاء

(۳) هندوستانی ادب ۔ گجرات میں ۔ دکن میں

(۴) هندوستانی ادب ۔ اورنگ زیب کے بعد

(۵)   ,,   ,,   انگریزون سے پہلے

(۶)   ,,   ,,   عهد حاضره

نظم

(۱) انتخاب کلام میر ۔ مولفه مولوی عبدالحق صاحب

(۲) دیوان غالب بحذف غزلیات شریك نصاب امتحان
انٹرمیڈیٹ ۔

(۳) بانگ درا ۔ حصه اول ۔ اقبال

(۴) متنوی ۔ میر حسن

(۵) قصائد ذوق ۔ مرتبه ڈاکٹر سرشاه محمد سلیمان

عروض و بیان و بدیع ۔

نجم البلاغت ۔ نجم الغنی رامپوری ۔

هندی بهاشا ۔

نثر ۔ کادم بری (انڈین پریس اله آباد)

نظم ۔ بهاشا ساررسنگره ۔ حصه اول ۔ حصه نظم

(از ۹۳ تا ۲۳۱ صفحات انڈین پریس اله آباد)

MARATHI.

Prose :—

(1) Hindu Dharma ani Sudharana Pursardha by Mahadeo Shivaram Gole. Ed. 1927, Maharashtra Publishing House, Poona.

(2) Gadya guchha :—Part 1 Ed. 1926 by N.C. Kelkar. Maharashtra Publishing House, Poona.

(3) Fiction :—Dutappi Kin Duheri by Shripad Krishna kolhatker, New Kitabkhana, Poona.

(4) Literature :— *Shahir*   } (1) Maharashtra
                                    Saraswat by Bhave.
    Books recommended :   }
                            (2) Shahir by Varde.

Poetry :—

(1) Sampradaya parimala of Niranjan Mahadeo Edited by by L. R. Pangarker, Budhawar, Poona.

(2) Raghuvya Pariwdha Sarga 1 to 5 by V. V. Bhide, Chitrashala Poona.

(3) Abhinavakavya Prakash : Chapters X & XI by Prof. R. S. Joga.. New Kitabkhana Poona.

TELUGU.

Poetry (1) *Classical :* Selections in Telugu, Intermediate Examination in Arts, Madras University S. P. C. K. Press.

University Printers, Madras

(a) Selection No. 26. pages 256 to 265 360 Lines
(b) Selection No. 32. pages 326 to 335 320 ,,
(c) Selection No. 49. pages 506 to 519 327 ,,
(d) Nos. 59, 60, and 61. pages 608 to 615 232 ,,

(2) *Modern.*

Telugu Tota by Prof. R. Subba Rao, 516 ,,

Prose : —(a) Prabhavati Pradyumnamu by Pingali Surannas and Prose by Sirobhushanam Venkata Rangacharyulu, Published by India Printing Works Madras.

(b) Maniharamu by Balasa Subba Rao Saraswati Grandhamala. Rajhamandry.

(c) Prayaschittamu of Tagore Publishers V. Ramaswami Shastri and Sons 292. Esplanade, Madras.

Drama : —" Uttara Rama Charita " of Bhava Bhuti, translated by Jayanti Ramayya, Telugu Academy Office, Pithapuram Godavari District.

Rhetoric :—Narasa Bhoopaleeyamu. Aswasa 5. Publishers V. Ramaswami Shastri and Sons, Madras.

History of Literature : From Nannaya Bhat upto Allasain Peddana. (No book is prescribed).

KANARESE.

Prose : —(Classical)—Ramaswamedha. Aswas 9 to 16 (both inclusive).

(Modern). Topabala by Sri Siva, Sathyasodhana, Book Depôt, Bangalore.

Drama :—Pratima Nataka by Seeta Rama Shastry (Mysore).

Poetry : Gadayadha by Ranna (Aswasas 1 to 6 only, 9 verses in the 6th Aswasas). edited by Ramanuja Iyangar.

Pampa Ramayanum—Ramayana by Nagachandra (As-waṣas 5 & 6 Karnatka Sahitya Parishat Edition).

Grammar :—Shabdamanidarpana by Kesi Raja (Karnatka Satitya Parishat Edition).

Literature.—Kavicharite (10 to 13 Centuries, both inclusive). *and.* Introduction, Vols. 1, 2 and 3.

Rhetoric and Prosody :—Books recommended—

(1) Apratima Vira Charita edited by M. Ramanuja Aiyangar, Mysore.
(2) Chehandombudhi by Naga Varma.
(3) Kannada Kaipidi.

MATHEMATICS.

(1) Higher Algebra by Hall and Knight,   (Osmania University Series).
(2) Plane Trigonometry by Loney, Part II.   do
(3) Co-ordinate Geometry by Grace and Rosenberg   do
(4) An Elementary Treatise on the Calculus by   do
Gibson.
(5) Chapters on Differential Equations from   do
Edward's Integral Calculus.

Applied Mathematics :—
(1) Elements of Statics by Loney.   do
(2) Elements of Dynamics   do   do
(3) Elements of Hydrostatics   do   do
(4) Elements of Astronomy by Parker.   do

HISTORY.

Paper I.—General Historical Essay.
Paper II.—Political Science.
Leacock : Elements of Political Science.   (Osmania University Series.)

Gettel : Introduction to Political Science.
Garner : Elements of Political Science.
Gilchrist : Principles of Political Science.
Pollock : History of the Science of Politics.   (Osmania University Series.)

Jenks : History of Politics,   do

Paper III.—(*i*) Economics.

Indian Economics by Prof. Md. Elias Burney (Osmania University Series)

Usul-i-Maashiyat by Prof. Md. Elias Burney

(*ii*) Sociology.
Books to be prescribed later.

N.B.- For detailed syllabus in Economics and Sociology *vide* Appendix

Paper IV.—(*a*) History of Indian Culture.

History of Aryan Rule in India.   (Havell.)
The Cambridge History of India. Vol. I
    India's Past (MacDonall.)
An Outline of the Religious Literature of India.   (Farquhar)
Modern Religious Movements in India.   (Farquhar.)
Indian Islam.   (Titus.)
India.   (R. Grousset.)
Indian Painting.   (P. Brown.)
The growth and development of National Thought in India,
    (Topa.)
    (*b*) Modern Indian History, 1764 to the present day (for
        1933 to 1935).

1. Dupleix and Clive (Dodwell).
2. Political History of India, Vol. I. (Malcolm).
3. Making of India (Ramsay Muir).
4. Warren Hastings (Rulers of India Series). (O. U. S.)
5. Lord Dalhousie (R. I. S.) (O. U. S.)
6. Economic History of India (Dutt). (O. U. S.)
7. Montague Chelmsford Report on Indian Constitutional
    Reforms, Part I. " The Material."

Paper V—General :- -

(1) *History of the Deccan.*
    1764 to the present day.
    Malcolm's Central India.
    Bilgrami and Wilmott's Historical and Descriptive account
        of the Nizam's Dominions Vol. I.

(2)—*Cultural History*- -
    1764 to the present day.
    Progress of Learning during British Rule. (Besides
    general books prescribed for Paper IV).

(3) *The Government of the British Empire.*
    England—Bagehot : English Constitution.
            Sidney Low : Government of England.

Colonies—Lowell : Government of England.
Ridges : Constitutional Law of England.

India—Ilbert : Historical Introduction.
Horne : Political System of British India.
Kale : Indian Administration.

Paper VI.

A. English Constitutional History—

* Chambers : Constitutional History of England. (Osmania University Series).
Adams : Constitutional History of England.

or

B. Special Periods :—
I. Islamic History.

(*a*) Omayyades (Eastern) for 1933.

(۱) ابن اثیر ـ دو جلد ـ ترجمه (سلسله جامعه عثمانیه)

(۲) میور کی کتاب کیلیفیٹ

The Arab Conquest of Central Asia by H.A.R. Gibbs. (3)
The Orient under the Caliphs by Khuda Bakhsh (Relative (4)
Chapters).
Lands of the Eastern Caliphate by Le Strange. (5)

(For Historical Geography).

The   (٦) جرجی زیدان کی کتاب تمدن اسلامی کا وہ حصہ جو

ـ ہے ـ (Omayyads and the Abbasids). کے نام سے انگریزی میں ترجمہ

(*b*) The Seljuks for 1934.

(۱) روضة الصفا ـ مطبوعه نول کشور ـ جلد ۳ ـ صفحه ۸۳ ـ ۱۲۳

(۲) مستوفی تاریخ گزیده ـ مصنفه پروفیسر براؤن ـ صفحه ۳۳۳ تا ۳۸۰

(۳) حبیب السیر ـ حصص متعلقه

(۴) نظام الملك طوسی ـ مصنفه مولوی عبدالرزاق

Finlay's History of Greece. Vol. III & IV (Reburt Chapters.) (5)
Ramsay's Historical Geography of Asia Minor. (6)
Le Strange's Lands of the Eastern Caliphate. (7)

2. Ancient Europe—Greece—The Macedonian Empire under Philip II and Alexander the Great—360 327 B. C.
Adolf Holm : History of Greece Vol. III (O. U. S.)
(Chapters relating to the period).

15

Greek Imperialism (For Collateral Reading) —(O.U.S.).

3. Modern Europe —1815 onwards.

Dyer and Hassal	.. Modern Europe -Vol. IV only.
Reich ..	.. Foundations of Modern Europe.
Alison Philips	.. Modern Europe. 1815-1899.
Mowat	.. Contemporary Europe & Overseas.
Seignobos	.. Political History of contemporary Europe 1815-1910.
Shepherd's	.. Historical Atlas.
Putzger	.. Historischer Schulatlas.
Rothert	.. Karten and Skizzen.

PHILOSOPHY.

1st Paper.—Nature, Schools and Problem of Philosophy.

1.	Ralp Barton Perey	. The Approach to Philosophy.
2.	W. James	. Some problems of Philosophy.
3.	F. Paulson	.. Introduction to Philosophy.
4.	H. Sidgwick	.. Philosophy, its Scope & Relation.
5.	Marvin	.. An Introduction to Philosophy.
6.	Russell (B)	.. The Problem of Philosophy. (O. U. Series.)
7.	Fullerton (J. S.)	.. Introduction to Philosophy.
8.	Sellars (R. W.)	.. The Principles and Problems of Philosophy.
9.	Calkions (M. W.)	.. The persistent problems of Philosophy
10.	Jerusalem (W.)	.. Introduction to Philosophy.
11.	Külpe	.. „ „ „
12.	Rappapart	.. Primer of Philosophy. (O. U. Series.)
13.	Alexander	.. Space, Time and Deity.
14.	Critique of pure Reason.	.. Kant.

2nd Paper.—History of Philosophy. -

1. A short History of Philosophy by Alexander.
2. A History of Philosophy by Weber.
3. Essay concerning Human Understanding by Hume.
4. Principle of Human Knowledge by Berkeley.
5. Discourse on Metaphysical Method by Descartes.

(Book 3, 4 or 5 will be prescribed in rotation every year).

3rd Paper.—Hindu Philosophy.
Text-books for intensive reading.
1. The six systems of Indian Philosophy. (Max Muller).
2. History of Indian Philosophy. (Dass Gupta).

15*

3. Indian Philosophy. (Radha Krishna).
4. Philosophy of the Upanishads. (Denssen).
5. History of the Creative Period of Indian Philosophy. (Ranade).
6. Sarva Darshana Samagraha. Cowell (Trubner's series).
7. Bhagwat Gita. (Telang).

Text-books recommended for study.—

1.* Studies in Early Indian Thought. (Stephen Dejai).
2. Systems of Vedantic Thought and Culture. (Mahandra Nath Sarkar).
3. Pantheism and its value for life. (Urquhart).
4. Positive Sciences of Ancient Hindus (Seal B. N.)
5. Indian Philosophy. (Dayies).
6. Patanjalies Yoga system. (Woods).
7. Outlines of the Vedanta system. (Denssen).
8. Hindu Realism. (Chatterji).
9. The Sankhya system. (A.B. Keith).
10. Indian Logie. (Keith).

Books to be consulted :—

1 The Thirteen Principal Upanishads. (Hume).
2. Sacred books of the East. (Max Muller). (Upanishads and Brahma Sutras).
3. Sankhya Pravachava Bhashya (Vijnana Bhikshu).
4. Sidhanta Muktavali. (Vatsayana).
5. Vedanta Oaribhasha.
6 Great Religious Teachers of the East (Alfred Martin).
7. Philosophy of Upanishads. (Radha Krishna).

4th Paper.—Outline of Islamic Philosophy, Kalam and Sufism-

Books for reference :—

1. Ilmul Kalam by Shibli.
2. Algazzali   do
3. Ibn-i-Rushd Moulvi Mohd. Youns.
4. History of Islamic Philosophy by De Boer Osmania University Series).
5. Arabic Thought by O'Leary.
6. Metaphysics in Persian by Sir Muhammad Iqbal.
7. Hikmat-ul-Ishraq by Shaikh Shahabuddin Suhrawardy (O. U. S.)
8. Maqasidulfalasafa-wa-nihayatulfalasfa by Imam Ghazzali.
9. Kashf-ul-Mahjub by Ali Hujweri.

10. Gulshani Raz by Mahmud Shabistri.
11. Portions of Masnawi by Rumi.
12. Mantiq-ut Tair.   Fariduddin Attar.
13. Portion of Khusus-ul-Hikm (Hadiqa Sanai).   Ibn Arabi.

5*th Paper.* —Psychology :--

(*a*) Books for detailed study .
    1.   Woodworth's —Psychology a study of mental life.
    2.   W. James'—Text book of Psychology. (O. U. S.)
(*b*) Books for non-detailed study and reference : —
    1.   McDougall. . A primer of Physiological Psychology.
    2.   McDougall. . Outlines of Psychology.
    3.   Watson . . Foundations of Psychology.

6*th Paper.*- -A brief study of theoretical and practical ethics : -

1.   Manual of Ethics by Mackenzie (O. U. S.)
2.   Theory of Good and Evil by Rashdaal (O. U. S.)
3.   Ethics by Dewey and Tufts .   (O. U. S.)
4.   Ethics by Palson.

<center>MUSLIM THEOLOGY OR MORALS.</center>

(A)   Theology (for Hanafi students) :---
    The following syllabus is prescribed :

<div dir="rtl">

مذ ہب

اس کی عام حقیقت ۔ غرض و غایت ۔ مذھب کا علوم عقلیه یعنی
حکمت (سائنس) اور فلسفه سے تعلق ۔ فلسفه کے مسلك ۔ مادیت
کا اثر مذھب پر ۔ مسلك مادیت کے سمجھنے کےلئے خود ماده پر
بحث ۔ دین ۔ فطرت یعنے اسلام ۔ یورپ کے ا اثرت سے
مذھب کیوں گھٹ رہے ہیں ۔
وجود باری اور آس کے یقین کے اسباب ۔
خالق عالم ۔ خالق و مخلوق کا باهمی تعلق ۔ ربوییت و قیومیت کے
مظاهر ۔ توحید ۔ صفات

</div>

روح و ملائکہ ۔

روح کی حقیقت ۔ اس کے احوال و آثار ۔ اس کی بقا ۔ ملا ئکہ

کی حقیقت پر بحث ۔ جن و شیاطین کی حقیقت ۔ رسالت ۔

نبوت کی حقیقت ۔ اس کی ضرورت وغایت ۔ رسول کی پہچان

اس کی تعلیم و کتاب ۔ معجزات اور اس کے لواحق ، امکان

وجود ، شہادت ، ان کا دلیل نبوت ہونا ۔ وحی ۔ الہام عموم

نبوت محمدیہ ۔ ختم نبوت ۔ نسخ ادیان ۔ خلافت الہیہ ۔

معاد ۔

سزا و جزا ۔ عذاب قبر ۔ قیامت ۔ جنت و دوزخ ۔

تقدیر ۔ جبر و اختیار ۔ خیر و شر

شریعت و طریقت ۔

کلام مجید و احادیث پر انکی بناء ۔ آنکے اختلافات کی نوعیت

(۱) برائے مطالعہ تفصیلی

سورہ بقر (جو عنوانات مباحث کلامیہ کے لئے

متعلق ہیں انکی حسب موقع تفصیل کیجائے)

(۲) برائے مطالعہ سرسری

دین و دانش (مولوی محمود علی صاحب)

حکمت اسلامیہ (مولوی عبد القدیر صاحب)

(B)   Morals (For Non-Hanafis and Non-Muslims)
       Mackenzie's Ethics (Osmania University Series).

M. A. EXAMINATION.

1343-1344 F. (1934-1935).

1. ARABIC.

نثر تاریخی

(۱) سیرۃ ابن هشام ـ از ذکر ما ابتدأ به النبی صلعم صفحه (۱۰۱)
تا آخر الجزء الخامس ـ صفحه (۲۶۲) طبع یورپ

(۲) المسعودی ـ مروج الذهب از باب السابع والثلاثون
ذکر عاد وملوکها ـ تا باب الحادی والستون ـ

نثر غیر تاریخی

(۱) کتاب البیان والتبیین من خطب النبی صلعم خطبه حجة الوداع
الی آخر اجزء الاول صفحه (۱۶۳ تا ۲۲۲) طبع قاهره
المطبعة العلمیه سنه ۱۳۱۱ه

(۲) کتاب الغفران (للمعری) مختصر الجزء الأول تا صفحه (۲۳۰)
ایجاز و شرح کامل کیلانی طبع مصر..

(۳) المبرد ـ پہلے (۱۶) باب (یوروپی اشاعت کے ابتدا سے
۱۰۰ صفحے)

نوٹ ـ طالبعلم کو چاہئے کہ اس کتاب کا پورا مطالعہ کرے ـ

نظم ـ

(۱) معلقات (لبید ـ طرفه ـ عنتره ـ حارث ابن حازه)

(۲) لامیة العرب للشنفری

(۳)   قصیده بانت سعد (مکمل)

(۴)   دیوان ابو تمام سے تمام حسب ذیل (۵) قصاید

(۱)   السیف أصدق أنباء من الکتب

(۲)   أهن عوادی یوسف و صواحبه

(۳)   الحق ابلج و السیوف عوار

(۴)   اما أنه لولا الخلیط المودع

(۵)   کذا فلیجل الخطب و لیفدح الأمر (المراثی)

نحو و تنقید و عروض و بلاغت ۔

(۱)   المفصل للزمحشری ۔ القسم الاول (طبع یورپ ۔ صفحات ۵۶ تا ۱۰۸)

(۲)   العمدة لابن الرشیق ۔ الجزء الأول از ابتدا تا باب البلاغة

(صفحات ۱ تا ۱۶۱ طبع مصر سنه ۱۳۲۵ھ) با ستثنائے

باب الاوزان و باب القوافی

(۳)   کتاب الشعر و الشعراء لابن قتیبه از ابتدا تا ختم عیوب الشعر

(طبع یورپ کے ۳۵ صفحے)

(۴)   کتاب علم الادب الجزؤ الأول مؤلفه لویس شیخو الیسوعی

مطبوعه بیروت (منتخبات)

تاریخ ادب ۔

(۱)   جاهلیت سے حال تک کے ادبیات عربیہ کی تاریخ

(۲)   پروفیسر نکلسن کی تاریخ ادبیات عرب ۔ جرجی زیدان کی تاریخ

آداب اللغة العربیة اور اولیری کی کتاب (عربك تہاٹ) کے

مطالعه کی سفارش کی جاتی ہے ۔

کتاب الشعر و الشعراء کا مکمل مطالعه بھی ضروری ہے ۔

عبرانی یا جر می یا فرنچ

السنه مذ کور دین سے کسی ایك زبان کے ابتدائی معلومات کے متعلق ایك پرچه (۵۰) نشانات اور دو ساعت کا ہوگا جسمین اس زبان کی آسان علمی عبارتین اردو مین ترجمه کیلئے دی جائینگی یا ان پر اردو مین بحث کرے کو کہا جائیکا ۔

ہدایت ۔ عربی جدید سے واقفیت حاصل کرنے کیلئے طالبعلم کو چاہئے که النظرات مولفه المنفلوطی کا مطالعہ کرے ۔
یہ کتاب مکتبه احدیہ سے منگوائی جاسکتی ہے ۔

2. PERSIAN.

امتحان ابتدائی ۔

پہلا پرچه حصہ نظم
الف ۔ قصائد ۔

رودکی	۱ ۔ مادر می را بکرد باید می بان	
منوچهری	۲ ۔ اے نہا دہ بر میان ف ق جان خویشتن	
خاقانی	صبحدم چون کله بندد آہ دود آ سائے من	۳
عرفی	صبحدم چون درد مد دل صور شیون زاسے من	
قاآنی	ز رود آمون گشت جیحون زا شك جیحون زاسے من	
ظهیر	شرح غم تو لذت شادی بجان د ہد	۴
خسرو	شیرین دہان یا رکه راحت بجان د ہد	
انوری	طبعم بعرضه کردن دریا وکان رسید	۵
کمال	این نرمی نگر که مرا ناگهان رسید	
ظهیر	صبح دگر از مسرق اقبال بر آمد	۶
سلمان	صبح ظفر از مشرق امید بر آمد	

ب ۔ غزلیات ۔

حسن

چھرہ نگار کرد گل چھرۂ با ر من بکا

ا ے غمزۂ خون ریزت تا را ج دل و دینها

با ز مست عشق خود کردی من دیوا نه را

عزم سفر شد آن گل نو در ر سیدہ را

ا ند ر غم توا م سر و سا ما ن چه حا جت ست

سا قیا می دہ که یا ر مست من با ز آ مد ست

جز من کہ دا ندا ینکه بلا ی فرا ق چیست

ا ے دو جھا ن فدا ی تو توز جھا ن دیگری

نظیری

ا ز ین ویرا نه ترمی خوا ستم و بر ا نۂ خود را

ز عا شق می شود معشوق را نا م و نشا ن پیدا

محبت با دل غمــدیدہ الفت بیشتر گیر د

سر بر آ وربر کلهدا را ن قبا ها تنگ سا ز

هر جا که بود عیش خوش و روزگا ر خوش

عمر ا گر با قی ست رنجشها کهن خوا هد شدن

ز آن عنبرین کلا له که بر سر نها دۂ

کیست این از روے رعنا ئی بجولا ن آمدہ

ء اقی

جز دیدن رو یئ تو مرا کار دگر نیست
ز خواب نرگس مست تو سرگران بر خواست
در کوی خرابات کسی را که نیا زست
جانان حدیث عشقت در داستان نه گنجد
خیزید عاشقان نفسی شور و شر کنیم
ز دل و جان ان غم عشقت رها کردن توان نتوان
اے دل و جان عاشقان شیفته جمال تو
اے بتو زنده جسم و جان مونس جان کیستی

خسرو

پردہ عاشقان در دریده کند چو روی را
بت نو رسیدۂ من هوس شکار دارد
چون گاه خرامیدن یا رم ز زمین خیزد
چون زنسیم صبحدم زلف تو بر هوا شود
تا ز مانه شد خبر از مہ با کمال تو
مہر تو در دل من مانند جان نشسته
دلا آن ترک را دیدی کنون سامان نگا بینی
ساقی بیا که موسم عیش ست و میم وی

جامی

بام برآ و جلوه دہ ماہ تمام خویش را
باز این خمار در سرم از چشم مست کیست
اے ترک شوخ این همه ناز و عتاب چیست
درد که عشق یار بدیوانگی کشید

عید ست و دار د هر کسے عزم تماشا ی دگر

نا دیده رخت عمر ے سودا ی تو ورزیدم

روی تو غا ئب از نظر گل را تما شا چوں کنم

ز شهر تا نکنی جا ن به آ ن جها ن نرسی

هلا لی

ز ان پیشتر که عقل شود رهنموں مرا

نهادی بر دلم داغ فراق وسوختی جا نرا

ایں تا ز ه گل که میر سد ا ز نو بها ر کیست

می خواهم و کنجے که بجز یا ر نه با شد

درد مند م گر مرا درماں نباشد گو مباش

هرشبے گویم که فردا ترك ایں سودا کنم

برخیز و بسر و قت عز یز اں گزری کن

اے ز بهار تا ز هٔ تا ز ه بها ر کیستی

ج ۔ مثنوی ۔

(۱) مخزن الا سرار نظامی (انتخاب)

(۲) جا وید نامه اقبال   ،،

د ۔ رباعیات ۔

شیخ ابو سعید ابن ابی الخیر و حکیم عمر خیام

نوٹ ۔ شعراء متذکره بالا کے کلام سے واقفیت اور انکے کلام کا تقا بلی

مطالعه لازمی هے ۔

دوسرا پرچہ نثر ـ

(۱) چھارہ مقالہ نظامی عروضی سمرقندی (کب سیریز)

(۲) سیاست نامہ نظام الملك (مطبع نادری بمبئی)

(۳) مرزبان نامہ (باب دوم) دعہ مقدمہ مصحیح

(۴) بست مقالہ قزوینی صفحہ (۱ تا ۱۰۵)

تیسرا پرچہ ـ عصر جدید و مضمون نویسی ـ
حسب ذیل کتب کے مطالعہ کی سفارش کی جاتی ہے ـ

(۱) حاجی بابا اصفہانی   } مطالعہ سرسری

(۲) اختناق ایران

(۳) تجلیات روح ایرانی (مطبوعہ ایرانشہر)

(۴) ترجمۂ احوال سید جمال الدین افغانی (مطبوعہ ایرانشہر)

(۵) رہ آورد وحید دستگردی (انتخاب)

نوٹ ـ مضمون نویسی بالعموم متذکرہ بالا کتب پر مبنی ہوگی

چوتھا پرچہ ـ عربی ـ بلاغت وعروض فارسی

القراۃ الرشیدہ (الجزؤ الرابع صفحہ ۱ تا ۱۲۴ باستثناء اسباق منظوم)
بلاغت وعروض کیلئے حسب ذیل کتابوں کی سفارش کی جاتی ہے ـ

حدائق السحر ـ رشید وطواط حصہ (بیان و بدیع) (مطبوعہ طہران)

المعجم فی معاییر اشعار العجم ـ شمس قیس ـ (عروض)

دبیر نجم ـ روسی ـ معانی (مطبوعہ لاہور)

امتحان آخری ـ

پہلا پرچہ ـ تاریخ ادبیات ایران ـ از ابتدا تا عہد مغول ـ

حسب ذیل کتابوں کے مطالعہ کی سفارش کیجاتی ھے :-

ایران قدیم ، ھخامنشی دور او ر تاریخی کتبے

ایران قدیم حسن پیر نیا مشیرالدولہ مطبوعۂ طھران

An Outline of Persian History based on Cuneiform
Inscriptions by Alh. (۲)

Sykes, History of Persia, 3rd Edition (Vols.
I& II for all periods). (۳)

C. Huart, Ancient Persia (Chapters I —III). (۴)

The Cambridge Ancient History Vol : IV Ch : i (۵)

زردشت اور اوستا

A. V. W. Jackson, 'Zoroaster' & Zoroastrian
Studies (۱)

Pur-i-Dâû d's Introductions to the editions of
Yashts and Gathas (Marker Avestan Series). (۲)

Dhalla, Zoroastrian Theology

ساسانی دور اور پہلوی

West, Article on Pahlavi Literature
(Grundriss der Iranischen Philologie
Vol. II, pp. 75-129). (۱)

Nariman, Iran & Iranians (۲)

اسلامی دور اور فارسی ادب

(۱) احوال و اشعار رود کی ، سعید نفیسی جلد اول و دوم
مطبوعہ طھران

(۲) سخن و سخنوران ، بدیع الزمان شیروریہ خراسانی (وزارت معارف)

(۳) روزنامہ کا وہ ۔ سلسلہ مضامین متعلقہ مشاھیر شعراء ایران

(۴) تاریخ ادبیات ایران ۔ جلال الدین ھمائی جلد دوم

Barthold, Turkestan down to the Mongol Invasion.   (٥)

Browne, Literary History of Persia Vol. I & II.   (٦)

پرچہ دوم ۔ از عہد مغول تا زمانہ حال ۔ ---

حسب ذیل کتابوں کے مطالعہ کی سفارش کیجانی ہے ۔

Browne, Persian Literature under Tartar Dominion   (1)

Browne, Persian Literature in Modern Times   (2)

Browne, A Year Amongst the Persians   (3)

Browne, The Press and Poetry of Modern Persia   (4)

Browne, Persian Revolution   (5)

E. D. Ross, Persia   (6)

The Times, London: Persian Number January
5th, 1931.   (7)

مقالہ ۔ حسب تصریع قواعد متذکرہ بالا ۔

3. URDU :—

امتحان ابتدائی :---

پرچہ اول ۔ زبان قدیم ۔

ولی ۔ کلیات مرتبہ انجمن ترقی اردو

سودا ۔ قصاید ۔ مثنویات ۔ مراثی

میر ۔ مثنویات ۔ قصاید

وجھی سبرس ۔ دکھنی مرثیے ۔ انتخاب اردو شہ پارے ۔

شمس اللہ قادری ۔ اردوے قدیم جدید ایڈیشن

نولکشور پریس

پرچہ دوم ۔ نظم ۔

انیس ۔ مراثی جلد اول و دوم

شیفتہ ۔ دیوان

اقبال ۔ بانگ درا حصہ دوم و سوم

دبیر سبع مثانی (سید سرفراز حسین صاحب خبیر
ممتاز بک ایجنسی نخاس لکھنؤ)

پرچہ سوم ۔نثر۔

میراہن ۔ باغ وبہار

سرور۔ فسانہ عجائب

سرسید۔ خطوط (بدایوان پریس)

حالی ۔ حیات جاوید

شرر۔ ایام عرب

آزاد ۔ دربار اکبری

پرچہ چہارم مضمون نویسی

امتحان آخری :۔—

پرچہ پنجم ۔ تاریخ زبان وادب ۔

(۱)   زبان ماہیت وآغاز: اور کثرت السنہ کے اسباب

(۲)   تشکیل السنہ ۔ فطری ارتقا ۔ ارادی تشکیل

(۳)   دنیا کی زبانین ۔ طریقہ تقسیم ۔ مختلف خاندان اور شاخین

(۴)   ہندوستان کی زبانین ۔ ہند آریائی ارتقاء ۔آریائی گروہ ۔ غیر آریائی زبانین ۔

(۵)   ہندوستانی ۔ آغاز و ارتقاء ۔(شمال ،گجرات ،دکن)

(۶)   دوآبہ کی زبان ۔ ہندوستانی کا ارتقاء اور مقامی زبان کا اثر

(۷)   گجرات اور دکن کی زبان ۔ ہندوستانی کا ارتقاء اور مقامی بولیون کا اثر ۔

(۸)   ہندوستانی کے جدید رجحانات ۔ ہندی ۔ اردو

(۹)   ادب قدیم ۔ آغاز سے ولی تک (گجرات ۔ دکن ۔ شمال)

(۱۰) درمیانی ادب ۔ اردو نظم و نثر ولی سے حالی تک

(۱۱) عہد حاضر ۔ حالی ۔ سے موجودہ زمانہ تک کی اردو نظم و نثر جدید ۔ رجحانات ۔

حسب ذیل کتب کی سفارش کی جاتی ہے :

گریرسن لنگوسٹک سروے آف انڈیا (جلد نہم حصہ اول)

شیفتہ ۔ گلشن بیخار

انشا ۔ دریائے لطافت

پروفیسر سلیم ۔ وضع اصطلاحات

عبدالحق ۔ تذکرہ گل رعنا

عبدالسلام ۔ شعرالہند

سکسبنہ ۔ تاریخ ادب اردو (اردو ایڈیشن)

مختلف تنقیدین بشمول مقدمہ دیوان حالی و موازنہ انیس و دبیر وغیرہ ۔

پرچہ ششم ۔ بھاشا ۔

راجہ لچھمن سنگھ ۔ شکنتلا ناٹک   ہندی بالبودھ و یا کرن

تلسی داس رامائن (اجودھیا کانڈ)

تاریخ ادب ہندی (ہری ٹیج آف انڈیا سیریز)

نوٹ ۔ ایم ۔ اے میں کا دیا نی کیلئے اس پرچہ میں (۳۰) فیصد نشانات لینا ضروری ہے ۔

مقالہ یا کسی کتاب کو ادٹ کرنا (۲۰۰) نشانات مقالے پروفیسر کی نگرانی اور مشورے کے مطابق لکھے جائیں مضامین کا انتخاب پروفیسر کی تحریک پر مجلس نصاب کی منظوری سے ہوگا ۔

4. History :—

Previous Examination

1st Paper.

Freeman :   Comparative Politics.

Hammond .   Comparative Politics:

B. K. Sarkar :   Political Institutions and Theories of the Hindus Part I: (for Early Hindu Politics):

J. N. Sarkar :   Mughal Administration:

Khuda Bakhsh :   Orient under the Caliphs, (Parts relating to administration):

ترجمه ما وردی الا حکام السلاطانیه

Sidgwick :   Development of European Polity:

W: Wilson :   The State:

Masood :   Japan (chapters relating to the   Japanese constitution and administration).

2nd Paper

Dunning :   History of Political Theories.

Barker :   Political thought from Spencer to to-day.

B: K: Sarkar: Political institutions and theories of the Hindus.

Outline of Islamic Political Theories

3rd and 4th Paper.

(a) *Indian History (i) Ancient Period.*

Arrian :   Anabasis of Alexander.

Wheeler :   Alexander the Great.

Pearson :   Alexander, Porus and the Punjab.

Smith :   The Early History of India;

McCrindle :   Ancient India as described by the classical authors, *Viz.* Magasthenes, Ptolemy, etc.

Rapson :   The Cambridge History of India Vol. I.

Holm :   History of Greece Vols. III & IV. (Parts relating to the conquest with foot-notes.) O. U. S.

Indian History (ii) British period (1798 to 1828).
The following books are recommended : —

Sir John Malcolm :   History of India.

Ramsay Muir :   The Making of British India.

R. Pearce :   Memoirs and correspondence of Lord Wellesley Vols. I. and II.

M. Mehta :   Lord Hastings and the Indian States.

H. G. Briggs :   The Nizam, Vol. I.

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Grant Duff :   A History of Mahrattas. Vol. III.
Wilkes :   History of Southern India (Portions dealing with
     the prescribed period).

(b) *European History* (1852-1871).

Acton :   " Cambridge Modern History " Vol. IX.
Fyffe :   " History of Modern Europe " Vol III. (O. U.) ,
Hertslet :   " Map of Europe by Treat " Vols. II & III.
Bourgeois : " Modern France "   ,,   Vol. II.
Senior :   " Conversations with Thiers, Guizot, &c. 2 Vol.
Simpson :   " Louis Napoleon and the Recovery of France."
Ward :   " Germany"   --Vol. II.
King :   " History of Italian Unity" 2 Vols.
Jonquiere : " Histoire de l Empire Ottomane " Vol. II.
      (Osmania University Series)

(c) *Islamic History.*

(۱)   طبری (حصص متعلقه)

(۲)   ابن اثیرکی تاریخ کامل (حصص متعلقه (سلسله جامعه عثمانیه)

(۳)   مروج الذهب مسعودی (حصص متعلقه(سلسله جامعه عثمانیه)

(۴)   الاخبار الطوال ـ دینوری

(۵)   تاریخ ابن خلدون (حصص متعلقه)

(۶)   التنبیه والاشراف ـ مسعودی سلسله جامعه عثمانیه)

(۷)   اخبار مکه ـ ازرقی

(۸)   البیان المغرب فی اخبار المغرب (نصف اول و دوم ـ حصص متعلقه)

(۹)   کتاب المعارف ـ قتیبه

(۱۰)   الامامة والسیاست

(۱۱)   الفخری ـ ابن طقطقی

16*

(۱۲) فتوح البلدان ـ بلاذری (انگریزی ترجمه)

(۱۳) احکام السلطانیه ـ ماوردی(سلسله جامعه عثمانیه)

(۱۴) النجوم الزاهره ـ ابن تفری بردی (حصص متعلقه) جلد اول

(۱۵) یعقوبی

(۱۶) Le Strange's Palestine under the Muslims.

(۱۷) Le Strange's Land of the Eastern Caliphate.

(۱۸) Gibb's Conquest of Central Asia.

(d) *English Constitutional History* (1642-1702).

Candidates should have a competent knowledge of the development of the English Constitution during the period under review with special reference to some of the original documents contained in such collections as Gardiner's and Robertson's. For the outlines of the subject the student may consult such books as the works of Gardiner, Hallam, Ranke and Guizot so far as they have a bearing on the subject.

N. B.—Up-to-date knowledge of Modern Constitutions will be required.

FINAL EXAMINATION.

1st Paper—General Historical Essay.

2nd Paper—Special Topics.

(a) of Comparative Politics.

(Government of the British Dominions and India). Keith : Responsible Government in the Dominions Report of the Imperial Conference, 1926.

(b) of Political Theories.

The Political Theories of Ibn-e-Khaldoon.

5. PHILOSOPHY.

Books recommended :—

(a) PHILOSOPHY OF RELIGION,—

Hoffding : Philosophy on Religion.
Caird : Introduction to the Philosophy of Religion.
W. James : The Will to Believe.
W. James : Varieties of Religious Experience.
Webb : God and Personality.
Schleirmacher : Reden.
Jalaluddin Rumi : Masnavi.

(b) AESTHETICS:—

Essays in Encyclopædia on Aesthetics.

Kant :   *Critique of Judgment :*
Hegel :   *Aesthetics :*
Croce :   *Aesthetics :*
Carret :   *Theory of Beauty :*

6.   MATHEMATICS :—

The following books are recommended :—

Algebra :—

Hall and Knight : Higher Algebra.

Milne : Higher Algebra.
Chrystal : Treatise on Algebra.

Trigonometry :—

Loney : Plane Trigonometry, Part II.
Hobson : Treatise on Plane Trigonometry.

Pure Geometry :

Askwith : Course of Pure Geometry.
Durrel : Course of Plane Geometry for advanced students.
    Parts I and II.

Analytical Geometry of two dimensions :—

Askwith : Analytical Geometry of the Conic Sections.
Smith : Elementary Treatise on the Conic Sections by
    the methods of Co-ordinate Geometry.

Analytical Geometry of three dimensions and Differential Geometry :—

Smith : Elementary Treatise on Solid Geometry.

Bell : Elementary treatise on co-ordinate Geometry of three dimensions.

Differential Equations :—

Piaggio : Elementary Treatise on Differential Equations.

Farsyth : Treatise on Differential Equations.

Differential and Integral Calculus :—

Gibson : Elementary Treatise on the Calculus.

Lamb : Infinitesimal Calculus.

Williamson : Elementary Treatise on the Differential Calculus.

Do   : Elementary Treatise on the Integral Calculus.

Goursat : Mathematical Analysis Vol. I.

Theory of Functions of real and Complex variable :—

Hardy : Pure Mathematics.

Goursat : Mathematical Analysis Vol. I and Vol. III Part I.

Whittaker and Watson : Modern Analysis.

Elliptic Functions: —

Dixon : Elementary Properties of the Elliptic Functions.

Whittaker and Watson : Modern Analysis.

Fourier Series :—

Carslaw : Theory of Fourier Series and Integrals.

Whittaker and Watson : Modern Analysis.

Attractions :—

Minchin : Treatise on Statics, Vol. II.

Routh : Treatise on Analytical Statics, Vol. II.

Electricity and Magnetism :—

Jeans : Mathematical Theory of Electricity and Magnetism.

Pidduck : Treatise on Electricity.

Livens : Theory of Electricity.

Statics :—

Loney : Treatise on Statics.

Lamb : Statics

Minchin : Treatise on Statics Vols. I and II.

Dynamics of a Particle :

Loney : Treatise on the Dynamics of a Particle and of Rigid Bodies.

Love : Theoretical Mechanics.

Beasant and Ramsey : Treatise on Dynamics.

Rigid Dynamics : -

Loney : Treatise on the Dynamics of a Particle and of Rigid Bodies.

Besant and Ramsey · Treatise on Dynamics.

Routh . Rigid Dynamics, Part I.

Hydrostatics :—

Besant and Ramsey : Treatise on Hydromechanics Part I Hydrostatics.

Hydrodynamics :—

Lamb : Hydrodynamics.

Besant and Ramsey : Treatise on Hydromechanics Part II Hydrodynamics.

Spherical Trigonometry : -

Todhunter and Leathem : Spherical Trigonometry.

Spherical Astronomy :-

Godfray : Treatise on Astronomy.

Ball : Treatise on Spherical Astronomy.

Optics :—

Heath : Treatise on Geometrical Optics.

Herman : Optics.

Ramsey : Optics.

FACULTY OF SCIENCE

B. Sc. Examination

1343—1344 F. (1934—1935).

ENGLISH.

Non-Detailed

(1) Sheridan—School for Scandal annotated by G. B. Boas
(Edward Arnold).

(2) Selected English Short Stories :—(Third series) ;
(Oxford University Press), the following stories :—

    1. The Old Nurse's Story.
    2. The Journey to Panama.
    3. La Mere Bauche.
    4. The Lady of Glenwith Grange.
    5. Esther.
    6. The Idyll of Red Gulch.
    7. An Occurrence at Owl Creek Bridge.
    8. Will O' the Mill.
    9. A Daughter of the Ledge.
    10. The Open Boat.
    11. The Ghost Ship.
    12. Life of Ma Parker.

(3) A Brief History of Civilization by Hoyland.
(Latest special edition for Muslim University).

PHYSICS.

No text-books are prescribed. The following books are recommended for reference :—

(1) Watson's text-book of Physics.
(2) Duncan and Starling's Text-book of Physics (Osmania University Series).
(3) Allan and Moore's Practical Physics (Osmania University Series).
(4) A course in Mathematics for Physics students, compiled by Principal Abdur Rahman Khan.

CHEMISTRY.

(1) Inorganic Chemistry by Partington.   (Osmania University Series).
(2) Inorganic Chemistry from the stand-point of periodical System by Cavan and Lander ,,
(3) Introduction to Physical Chemistry by Walker ,,

(4) Theoretical Organic Chemistry by Cohen (Osmania University Series).

(5) Outlines of Chemistry by Fenton „

(6) Practical Chemistry by Bruce and Harper. „

(7) Practical Organic Chemistry by Cohen „

MATHEMATICS.

The following books are recommended :—

(1) Higher Algebra by Hall and Knight. (Osmania University Series).

(2) Plane Trigonometry by Loney. Part II. „

(3) Co-ordinate Geometry by Grace and Rosenberg „

(4) An Elementary Treatise on the Calculus by Gibson . „

(5) Chapters on Differential Equations from Edward's Integral Calculus. „

Applied Mathematics .—

(1) Elements of Statics by Loney „

(2) Elements of Dynamics do „

(3) Elements of Hydrostatics do „

(4) Elements of Astronomy by Parker. „

N.B.—For Detailed Syllabuses in Mathematics, Physics, Chemistry, etc. *vide* appendix

BOTANY.

Scott	.. Structural Botany Vols. 1 & 2.
Coulter Barnes and Coules.	⎱ Text-book of Botany Vols. 1 & 2.
Stragsburger	.. Text-book of Botany.
Strasburger and Hillhouse	⎱ Practical Botany.
Green	.. Vegetable Physiology.
Caver	.. Practical Botany.
Lock	.. Variation, Heredity and Evolution.
Punnett	.. Mendelism.
I. R. Green	.. Manual of Botany Vols. 1 and 2.
Bower	.. Botany of the Living Plant.

ZOOLOGY.

Books recommended.--

1. Parker and Haswell	.. Text-book of Zoology Vols 1 and 2.
2. Marshall	.. The Frog.
3. Dendy	.. Outlines of Evolutionary Biology.
4. G. C. Bourne	.. Comparative Anatomy of Animals. Vols. 1 and 2
5. Foster and Balfour	.. Elements of Embryology.
6. Wall	.. Poisonous terrestrial snakes and how to recognise them.
7. Marshall and Hurst	.. Practical Zoology.

MUSLIM THEOLOGY OR MORALS.

Same as for the B.A. Examination.

M. Sc. EXAMINATION.

1. *Chemistry* :—

1. Theoretical Chemistry by Nerrest.
2. Inorganic Chemistry. Hoffmann.
3. Organic Chemistry by Bernthsen
4. Advanced Organic Chemistry by Cohen
5. History of Chemistry by Thorpe, 2 Vols.
6. Electro-Chemistry by Le-Blanc.
7. Radio-Activity by Hevesy and Paneth.
8. An Experimental course of Physical Chemistry by Spencer, 2 Vols., pages 516.
9. Practical Organic Chemistry by Sudborough and James.
10. Quantitative Analysis by Clowes and Coleman.
11. Qualitative and Quantitative Analysis by Treadwill and Hall. 2 Vols.
12. Outlines of Industrial Chemistry by Throp.

In addition to the text-books already mentioned, the follow-
ing books are recommended for the final year :—

1. Inorganic and Theoretical Chemistry by Mellor.
2. A Text-book of Inorganic Chemistry edited by New-ton Friend.
3. Organic Chemistry by Richter.
4. Physical Chemistry by Taylor, 2 Vols.
5. A Text-Book of Physical Chemistry edited by Mr William Ramsay.
6. New Ideas on Inorganic Chemistry by Werner.
7. Inorganic Chemistry by S. Ephraim translated by Thorn.
8. Electro-Chemistry by Creighton and Fink. 2 Vols.
9. Chemistry of Nitrogen by Sidgwick.
10. Systematic Organic-Chemistry by Cumming, Hopper and Wheeler.

11. Practical Methods of Organic Chemistry by Gatterman.

12. Radiotactive substances and their radiations by E. Rutherford.

13. Radiotactivity by Hevesy and Pavelts.

14. Bragg's X-rays and Crystal Structure.

15. Morinari's Chemistry.

2. *Physics :—*

No Text-books are prescribed ; but the following books are suggested as indicative of the scope of the subjects required for study. Candidates are required to study the original papers and to remain in touch with modern developments of Physics :-

General Physics :—

    Haas—Theoretical Physics.
    Poynting and Thomson—Properties of Matter.
    Jeans—Dynamical Theory of Gases.
    Barton—Analytical Mechanics.
    Newman and Searle—Properties of Matter.

Sound :—

    Barton : Sound.
    Rayleigh : Sound.
    Richardson : Sound.
    Wood : Text-book of Sound.

Heat :—

Preston :	Theory of Heat.
Saha :	Text-book of Heat.
Roberts :	Heat and Thermodynamics.
Shilling and Partington	Specific Heat of Gases.
Planck :	Thermodynamics.

Optics :—

    Preston :   **Theory of Light.**

Drude :	Optics.
Wood :	Physical Optics.
Baly :	Spectroscopy.

Magnetism and Electricity : —

Pohl :	Electricity and Magnetism.
Pidduck :	Treatise on Electricity.
Jeans :	Mathematical theory of Electricity and Magnetism.
Starling :	Electricity and Magnetism.
Stoner :	Magnetism and Atomic Structure.
Abraham :	Classical Theory of Electricity and Magnetism translated by J. Dongall.

Modern Electricity :

Wilson :	Modern Physics.
Andrade :	Structure of the Atom.
Growther :	Ions, Electrons and Ionising Radiations.
J. J. Thomson	Conduction of Electricity through Gases.
Rutherford	Radiations from Radioactive substances.
Aston	Isotopes.
Sommerfeld.	Atomic Structure and Spectral lines.
Richardson	Electronic theory of Matter.
Bragg	X-Ray and Crystal Structure.
Compton	X-Ray.
De Broglie	X-Ray.

Practical Physics : —

Watson	Text-book of Practical Physics.
Worsnop and Flint	Advanced Practical Physics for students.

FACULTY OF THEOLOGY.

Text-books in English, History of India, Geography, Mathematics, and Arabic are the same as for the Faculty of Arts.

AQAID WA MANTIQ.

(1) Al-Fiqh-al-Akbar of Imam Abu Hanifa, (in Arabic), printed at Dairat-ul-Maarif.

(2) Mirqat by Maulana Fazl Imam (O.H.S.)

FIQAH WA HADITH.

Fiqah—The following chapters from Maltaq-ul-abhur published by Madrasai Nizamia, (Hyderabad Deccan).

كتاب الطهارة ـ كتاب الصلواة ـ كتاب الزكواة ـ كتاب الصوم

كتاب الحج ـ كتاب النكاح ـ كتاب الرضاعت ـ كتاب الطلاق

كتاب الايمان ـ كتاب الصيد والذبائح ـ كتاب الاضحيه ـ كتاب

الكراهة ـ كتاب الوقف

Hadis—Shamail-i-Tirmizi.

Text-books in English and Arabic languages are the same as for the Faculty of Arts.

(1) FIQAH WA USUL-I-FIQAH.—

(۱) شرح وقايه بحذف ابواب ـ

باب النكاح الرفيق والمكان ـ باب اللعان

كتاب العتاق   كتاب الحدود

كتاب السرقه   كتاب الابق

(۲) فرائض سراجى بحذف مولى موالات اور مولى العتاقه

(۳) اصول شاشى

تفسير ـ

(2) TAFSIR WA HADIS.

قران شريف كى تعليم بطريق املا هو اور حسب ذيل سورتيں

پڑھائى جائيں ـ

سورۂ بقر ـ سورۂ نساء ـ از سورۂ قاف تا آخر

حدیث ۔

مشکواۃ المصابیح ۔ حسب ذیل ابواب ۔

(۱) از کتاب الایمان تا ختم کتاب العلم

(۲) کتاب السیر

(۳) از باب فضایل سیدالمرسلین تا ختم کتاب

(3) Aqaid wa Mabadiat-i-Hikmat.—

عقاید نسفی (مکمل)

شرح عقاید نسفی ۔ مسئله استطاعت کے ختم تك

هدایۃ الحکمت

منطق ۔ شمسیه

B. A. Examination.

1343—1344 F. (1934—1935)

Text-books in English and Arabic languages are the same as for the Faculty of Arts.

Fiqah wa Usul-i-Fiqah.—

(۱) هدایۃ آخرین سے ابواب ذیل ۔

از کتاب البیوع تا ختم کتاب الصرف

از کتاب آداب القاضی تا ختم کتاب الشهادت

از کتاب الدعوی تا ختم کتاب الاقرار

از کتاب الغصب تا ختم کتاب الشفعه

(۲) البشقیخ کتب القود و کتاب الرهن

Tafsir.

(۱) بیضاوی شریف (سوره بقر)

(۲) قرآن مجید باستثناء ان سورتوں کے جو ا.تحان انٹرمیڈیٹ کے لئے مقرر کی گئی هین

Hadis.

ترمذی شریف کامل

Kalam.

(۱) طوالع الانوار

(۲) حجۃ الله البالغه (القسم الاول)

M. A. Examination.

1343—1344 F. (1934—1935)

The following books are recommended : -

(۱) كلام وعقائد

(۱) تفرقه بين الاسلام والزند قه

(۲) محصل از امام رازی

(۳) نقد محصل از طوسی

(۴) شرح مقاصد كامل از علامه تفتازانی

(۵) دین ودانش

(٦) تاريخ علم كلام

(۲) تفسير ۔

(۱) تفسير كشاف (منزل اول و منزل آخر)

(۲) بيضاوی (منزل دوم ۔ سوم ۔ چها رم ۔ پنجم ۔ ششم)

(۳) اعجاز القران للبا قلانی

(۴) تفسیرات احمدی

(۵) مقدمه تفسير ابن جرير

(۳) حدیث بشمول سیرت

حدیث(۱) بخاری شریف

(۲) جامع الترمذی

(۳) شرح معانی الآ ثار طحاوی

(۴) مختصر المختصر

اصول حدیث(۱) مقدمه ابن صلاح

(۲) رجال بخاری از مقدمه فتح الباری

سیرت ۔   سیرت ابن هشام (بحذف حصه اشعار) معه

روض الانف سهیلی

(م) فقه واصول فقه ۔

فقه ۔

(١) الصنائع والبدائع کے ابواب ذیل ۔کتاب الطہارة کتاب الصلواة ۔ کتاب الزکواة ۔کتاب الصوم ۔کتاب الحج کتاب الوقف

(٢) بدا یته المجتهد ۔ بحذف ابواب جو کتاب الصنائع والبدائع میں شریك هیں ۔

(٣) مجلة الاحکام

(م) آثار السنن

اصول فقه ۔ مسلم الثبوت

FACULTY OF LAW.

LL. B. Examination.

1343—1344 *F.* (1934—1935)

The following books are recommended :—

Previous Examination.

1st Paper ..	The Penal Code. (Hyderabad). / The Criminal Procedure Code. (Hyderabad).
2nd ,, ..	The Evidence Act. (Hyderabad). / Will's Theory and Practice of the Law of Evidence / Mahmud's Law of Evidence.
3rd ,, ..	Underhill's Law of Torts. / Indian Easements Act.
4th ,, ..	Anson's Law of Contract. / The Contract Act (Hyderabad). / Specific Relief Act. (Hyderabad).
5th ,, ..	Dicey's Constitutional Law. / Leage's Roman Law.

Final Examination.

1st Paper ..	Usul-i-Dharam Shastar by Baijanth. / Hindu Law by J. C. Gosh, Chapters on Hindu Jurisprudence (Sources of Hindu Law, Inheritance and Joint Family, pp. 1 to 49 and 363 to 396).

2nd ,,	..	⎰ Muhammadan Law by Amir Ali (Students' Edition.) ⎱ Ghayatul-Authar—Kitabul Faraiz.

3rd ,, .. ⎰ Civil Procedure Code. (Hyderabad).
Law relating to Civil Courts in H.E.H. the Nizam's
Dominions.
Indian Limitation Act.

4th ,, .. ⎰ The Indian Trust Act.
Quanun Malguzari Arazi. Act No. 9 of 1317 F.
Law of transfer of property.

5th ,, .. ⎰ Salmond's Jurisprudence.
Lawrence's principles of International Law.

In the first paper for the Previous Examination and in every paper for the Final Examination, 40 marks shall be allotted to questions framed with a view to test the ability of candidates to apply more important legal principles to concrete cases. Full credit shall be given for well-reasoned answers to such questions, even if the conclusions happen to differ from the views taken in decided cases. No credit shall be given for bare answers not supported by arguments.

FACULTY OF MEDICINE.

M.B., B.S. EXAMINATION.

The following books are recommended : —

1. Gray's Anatomy.
2. Cunningham's Practical Anatomy.
3. Halliburton's Text-book of Physiology.
4. Sheæffer's Histology.
5. Sheæffer's Experimental Physiology.
6. Halliburton's Chemical Physiology.
7. Luff and Candy's Chemistry.
8. Physics.
9. Lowson's Botany Indian Edition.
10. Wells Davis' Zoology.
11. Marshall on the Frog.
12. Marshall and Hurst's Practical Zoology.
13. Ghosh's Materia Medica.
14. Taylor's Medicine.
15. Rose and Carless' Surgery.
16. Green's Pathology.
17. Green's Midwifery.
18. Muir and Ritchie's Bacteriology.
19. Husband's Medical Jurisprudence.
20. Mody's Public Health.
21. Bury's Ophthalmology (Smaller).

DIPLOMA IN EDUCATION.

PRINCIPLES OF EDUCATION & ELEMENTARY EDUCATIONAL
PSYCHOLOGY.

Books recommended.

Betts.   Mind and Its Education.   (Appleton)
Gates.   Psychology for Students of Education.   (Macmillan)
Klapper.   Contemporary Education.   (Appleton)
Reudiger.   The Principles of Education.   (Harrap)
T. P. Nunn : Education—Its data and First Principles. (Arnold)
Dewey.   How we think.
Dewey.   School and Society.

SCHOOL MANAGEMENT AND HYGIENE.

SCHOOL MANAGEMENT.

Books recommended.

Bray.   School Organisation.   (Tutorial Press)
Wren.   Indian School Organisation.
West.   Indian School Management and Inspection.
HYGIENE.
Books recommended.

Kerr.   School Hygiene.
Ross.   Hygiene for Indian Schools.
Drummond. School Hygiene.
Lyster.   Hygiene of the school (Tutorial Press).
Shaw.   School Hygiene (Macmillan).

HISTORY OF EDUCATIONAL IDEAS AND SELECT CLASSICS IN
EDUCATION.

The scope of the work is indicated in the books mentioned
below :—

Monroe.   A Text book in the History of Education.
             (Macmillan).
Boyd.   History of Western Education. (Black).
Adamson.   A Short History of Education. (C. U. Press).
Graves.   Great Educators of Three Centuries. (Mac-
             millan).
Graves.   A Student's History of Education. (Macmillan).
Quick.   Educational Reformers. (Longmans.)

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EDUCATIONAL CLASSICS.

Rousseau.	Emile.
Plato.	Republic.
Locke.	On Education.
Spencer.	Education.
Dewey.	Democracy and Education.

METHODS OF TEACHING.

Books recommended.

PHYSICAL SCIENCE.

Brown.	Teaching Science.
Westaway.	Science Teaching.
Smith and Hall.	Teaching of Chemistry and Physics.

BIOLOGY SCIENCE.

To be prescribed later.

HISTORY.

Klapper.	Teaching of History. Appleton.
Johnson.	Teaching of History. Macmillan.
Jarvis.	Teaching of History. C. U. Press.
Keatings.	Studies in the Teaching of History. Black.
Findlay.	History and Its Place in Education. University of London Press.
Allan.	Place of History in Education. (Blackwoods).

GEOGRAPHY.

F. L. Holtz.	The Principles and Methods of Teaching Geography.
B. C. Wallis.	The Teaching of Geography.
J. Fairgreive.	Geography in School.
Tamasker.	The Principles and Methods of Teaching Geography.
W. P. Welpton.	The Teaching of Geography.
J. Fairgreive.	Class-book of Practical Geography.
Steers.	Maps and Map-making.
B. C. Wallis.	Essentials of Practical Geography.

MATHEMATICS.

Monteith.	Arithmetic Teaching in the infant and Jnuior Schools. Harrap.
Young.	Teaching of Mathematics.
Schultze.	The Teaching of Mathematics in the Secondary School.

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ENGLISH.

Mackenzie.	Instruction in Indian Secondary Schools. Oxford Press.
Jesperson	How to teach a Foreign Language. Allen.
Findlay.	Modern Language Learning. Gregg.
Batcheldor.	Notes on the Teaching of English. (Macmillan)
Roberts and Barter.	The Teaching of English. (Blackie).
Carpenter.	The Teaching of English. (Longmans).
Ida Ward.	The Phonetics of English. Heffer.
Kitson.	Theory and Practice of Modern Language. O. U. P.

VERNACULARS & CLASSICAL LANGUAGES.

Urdu, Marathi. Telugu. Canarese, and Indian Classical Languages.

The books on the teaching of English indicate the ground to be covered.

MODERN EDUCATIONAL SYSTEMS AND PROBLEMS.

Books recommended.

P. Sandiford.	Comparative Education. (Dent).
P. Monroe.	Articles in the Cyclopedia of Education. (Macmillan).
Dr. Ziauddin.	Systems of Education. (Longmans).
F. C. J. Hearn shaw.	Educational Advancement Abroad. (Harrap).
A. P. Newton.	Universities of the Empire. (Collins & Sons).
F. W. Roman.	The New Education in Europe (Routledge) (Macmillan).
C. F. Thwing.	Universities of the World. (Macmillan).
Mevhew.	Education of India. (Macmillan).

ADVANCED EDUCATIONAL PSYCHOLOGY.

Books recommended.

Ellis.	Psychology of Individual Differences (Appleton) pp. 74 to 128.
Spearman.	Abilities of Man.
Terman.	Measurement of Intelligence.
Psychological Tests of Educable Capacity.	
Report Consultative Committee.	
Sandiford.	Educational Psychology,

Fox.	Educational Psychology.
Starch.	Educational Psychology.
Rugg.	Statistical Methods in Education.
Holzinger.	Statistical Methods in Education. (Ginn)
Freeman.	Experimental Education.
Valentine.	Experimental Psychology & Education. (Tutorial Press).
Fox.	Practical Psychology.

CHILD EDUCATION.

Books recommended.

Kirkpatrick.	Fundamentals of Child Study.
Plaisted.	The Early Education of Children.
Picket & Boren.	Early childhood Education.
Waddle.	Introduction to Child Psychology (Harrap)
L. M. Terman.	The Intelligence of School Children. (Harrap)
Drummond.	The Child. His Nature and Nurture.

19. APPENDIX.

DETAILED SYLLABUSES.

MATRICULATION EXAMINATION.

1. Elementary Mathematics (Compulsory).

Class VIII, Class IX, and Class X.

(a) *Arithmetic.* The four rules applied to integers, vulgar fractions, the decimal fractions in particular. Indian and English money, weights, measures of length, area volume, capacity and time; the metric system. Approximations. Contracted methods of multiplication of decimals. Simple forms or recurring decimals. Ratio and proportion and exchange. Percentage and its applications. Profit and loss. Simple Interest, and Compound Interest (direct problems only, number of periods for calculation not to exceed 2). Averages, Square root.

(b) *Mensuration.* Elementary Mensuration of plane rectilinear figures (a knowledge of the use of field book not required); circles, surfaces and volumes of rectangular solids, right circular cylinder and cone (Frusta excluded); sphere.

(c) *Algebra.* Algebraic quantities and extension of four fundamental rules to them formal proofs not required. Symbolic expression of the general results of Arithmetic. Calculation of the numerical values of expressions and formulæ by substitution. Simple factors and formulæ.

$$(a+b)^2 = a^2 + 2ab + b^2$$
$$a^2 - b^2 = (a+b)^{\cdot}(a-b)$$
$$(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$$
$$a^3 + b^3 = (a+b)(ab+b^2)$$

Simple fractions with linear denominators. Linear equations involving one or two variables and problems relating thereto. Plotting statistics; linear graphs.

(d) *Practical Geometry :*—Bisection of straight lines and angles, drawing perpendicular and parallels to a given straight line; construction of an angle equal to a given angle. Experimental deduction of the elementary properties of triangles and parallelograms. Simple cases of construction of triangles and quadri-laterals from given data. Elementary properties of the circle-areas, chords, sectors and tangents, construction for finding the centre of a circle or an arc of a given circle. Construction of tangents to a circle and common tangents to two circles. Very simple cases of construction of circles from given data. Construction of a circle in or about a triangle. Division of a straight line into any number of equal parts or into parts in a given proportion.

(2) COMPULSORY SCIENCE.

Physics and Chemistry.

(i) Physics.

(a) *Preliminary :* —Units, British and Metric, for measurements of length, area and volume. Measurement of time, unit of time. Rectilinear translation of a rigid body : definition of velocity and acceleration. Laws of motion. Definition of momentum and force. Gravitation. Weight, Distinction between mass and weight. British and C. G. S. units of mass and force. The balance. General properties of matter. Density and specific gravity. Simple machines in equilibrium ; levers, the single pulley. Properties of fluids. Liquid pressure. Principle of Archimedes. Pressure of the atmosphere. Boyle's Law. Barometer (Cistern) and pumps (simple forms of air pump and water pump). The siphon.

(b) *Heat :* —Effects of heat. expansion of solids. liquids and gases. Temperature. Thermometers. The expansion of water. Distinction between quantity of heat and temperature. Calorimetry. Melting point. Cold produced by evaporation. Vapour pressure. Influence of pressure on boiling point of liquids. Transmission of heat · conduction, convection and radiation.

(c) *Light :* —Rectilinear propagation of light. Reflection and refraction of light ; refractive index. The formation of images by reflection. Graphic methods of determining the position and size of an image formed by reflection or refraction (applicable to plane and spherical surfaces). Deviation and dispersion produced by a prism (omit minimum deviation). Simple optical instruments : astronomical telescope, microscope, photographic camera and magic lantern.

(d) *Magnetism :* —Magnets and magnetic substances. Induction, methods of magnetization, Terrestrial magnetism. Declination and its determination.

(e) *Electricity :* —(1) Static electricity : -Electrification by friction. Pith-ball electroscope. Conductors and non-conductors. (2)Voltaic Electricity : -Production of electric current. Voltaic cell. Local action and polarization. Daniell, Leclanche and Bichromate cells. Galvanoscope, Electrolysis (omit Faraday's Laws), Voltameter (water). Electromagnets. Electric bell. Heating effects of the current (omit Joule's law).

(ii) Chemistry.

Elements, compounds and mixtures. Solutions (in water only) ; decantation, filtration, evaporation and distillation ; saturated solution, crystallization and water of crystallization ; sublimation and precipitation. The use of these processes in the preparation of pure substances. Examples of physical and chemical changes. Combination and decomposition. The study of air—its composition, burning and rusting. Acids, bases, and salts ; neutralization. Types of chemical changes. Metals and non-metals. The law of constant proportion. Preparation and properties of oxygen. Preparation and properties of hydrogen ; oxidation and reduction. Study of water : natural waters, hard and soft waters, purification of drinking water, electrolysis of water. Preparation and properties of nitrogen, nitric acid and ammonia. Carbon. Preparation and properties of carbon dioxide. Combustion ; structure of a candle flame. Sulphur and its properties. Preparation and properties of hydrogen sulphide. sulphur di-oxide and sulphur tri-oxide. Preparation and properties of sulphuric acid. Phosphorus and its properties. Matches. Natural forms of silica ; glass. Preparation and properties of Chlorine and of hydrochloric acid. Sodium, its occurrence and properties. Properties of sodium hydroxide, sodium chloride. sodium nitrate, sodium sulphate, sodium bicarbonate.

Potassium, its occurrence and properties. Properties of potassium hydroxide, potassium chloride, potassium chlorate and potassium nitrate. Preparation of soap.

Calcium carbonate ; preparation and properties of calcium oxide and calcium hydroxide. Elementary ideas about lime, mortar, cement and bleaching powder.

Properties of Magnesium, magnesium sulphate and magnesium oxide. Copper, its occurrence and properties ; preparation of copper sulphate.

Aluminium, its occurrence and properties ; preparation and properties of aluminium sulphate and alum.

Mercury, its occurrence and properties. Properties of mercuric oxide, mercurous chloride and mercuric chloride. Lead its occurrence, and properties. Properties of litharge, red led lead carbonate and white lead.

Silver, its occurrence and properties. Preparation and properties of silver chloride and silver nitrate. Uses of silver salts in electroplating and photography.

Iron, its occurrence, properties and uses. Properties and uses of cast iron and steel. Preparation and properties of ferrous oxide, ferric oxide, magnetic oxide of iron and ferrous sulphate.

3. GEOGRAPHY.

General Geography of the World in outline, with special reference to the British Empire, together with India in fuller detail and the essentials of Physical Geography : Surface of the Earth : Volcanoes and Earthquakes, the Zones. Latitude and Longitude. Day and Night ; the seasons ; the Solar System : Phases of the Moon ; Waves, Tides and Currents.

4. ALGEBRA AND GEOMETRY (OPTIONAL).

(a) *Algebra* :—Generalised Arithmetic. Algebrical laws and principles and their applications. Factors and Formulæ. Identities. Functional notation. Remainder Theorem and its applications. Linear equations in one, two, and three variables. Solution of Quadratic Equation in one variable. Solution of problems by means of such equations. H.C.F., L.C.M., fractions. Square root of simple rational integral functions. Theory of indices. Graphs of linear and quadratic fractions, in one variable and their applications to the solution of equations and problems.

(b) *Geometry* :—The course in Geometry will be both practical and theoretical. Practical geometry will include constructions given in Schedule ' A ' together with easy extensions of them. Proofs of constructions will also be required. Theoretical Geometry will include theorems together with easy deductions from them. Any proof of a proposition which appears to form part of a systematic treatment of the subject will be accepted. In the proof of theorems hypothetical constructions will be allowed. Symbols and Algebraic notation may be freely used.

SCHEDULE " A "

Bisection of straight lines and angles.
Construction of (1) perpendiculars. (2) parallels to straight lines.
Construction of angle equal to a given angle.

Simple cases of the construction of triangles and quadrilaterals from given data.

Division of straight lines into a given number of equal parts, or in any given ratio.

Construction of a rectangle equal in area to a given triangle.
Construction of a triangle equal in area to a given rectilinear figure.

Simple cases of the construction of circles from given data.
Construction of tangents to a circle and common tangents to two circles.

Construction of a square equal in area to a rectangle and geometrical extraction of square roots of rational numbers.

Construction of regular figures of 3, 4, 6, or 8 sides, (1) in or about a given circle and (2) on a given straight line.

Construction of (1) a fourth proportional to three given straight lines, (2) a mean proportional to two given straight lines.

<center>SCHEDULE " B "</center>

Angles at a point.— If a straight line stands on another straight line, the sum of the two angles so formed is equal to two right angles ; and the converse.

If two straight lines intersect. the vertically opposite angles are equal.

Parallel Straight Lines.—When a straight line cuts two other straight lines, if (1) a pair of alternate angles are equal, or (2) a pair of corresponding angles are equal, or (3) a pair of the interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel and the converse.

<center>*Triangles and Rectilinear Figures.*</center>

The sum of the angles of a triangle is equal to two right angles

If the sides of a convex polygon are produced in order, the sum of the exterior angles so formed is equal to four right angles.

Two triangles are congruent.

(1) If two sides of the one are equal to two sides of the other. each to each, and also the angles contained by those sides equal.

(2) If two angles of the one are equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other.

If two sides of a triangle are equal, the angles opposite to these sides are equal ; and the converse.

Two triangles are congruent if the three sides of the one are equal to the three sides of the other, each to each.

Two right-angled triangles are congruent, if their hypotenuses are equal and one side of the one is equal to one side of the other.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it ; and the converse.

The opposite sides and angles of a parallelogram are equal, each diagonal bisects the parallelogram and the diagonals bisect each other.

If the intercepts made by three or more parallel straight lines on any straight line that cuts them are equal then the corresponding intercepts upon any other straight line that cuts them are also equal.

Areas.

Parallelograms on the same base or on equal bases and of the same altitude are equal in area.

Triangles on the same base or on equal bases and of the same altitude are equal in area.

Equal triangles on the same base or on equal bases are of the same altitude.

The square on a side of a triangle is greater than, equal to or less than the sum of the squares on the other two sides according as the angle contained by these sides is obtuse, right or acute. The difference in the cases of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other.

The Circle.

A straight line drawn from the centre of a circle to bisect a chord which is not a diameter is at right angles to the chord ; and the converse.

In equal circles (or in the same circle) : -

(1) If two arcs subtend equal angles at the centre they are equal and the converse.

(2) If two chords are equal, they cut off equal arcs ; and the converse.

Equal chords of a circle are equidistant from the centre ; and the converse.

The tangent at any point of a circle and the radius through that point are perpendicular to one another.

If two circles touch each other, the point of Contact lies on the straight line through their centres.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point on the remaining part of the circumference.

Angles in the same segment of a circle are equal, and if the line joining two points subtends equal angles at two other points on the same side of it, the four points lie on the circumference of a circle.

The angle in a segment is greater than, equal to or less than a right angle according as the segment is less than, equal to or greater than a semicircle.

The opposite angles of any quadrilateral inscribed in a circle are supplementary ; and the converse.

If a straight line touches a circle and from the point of contact a chord is drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If two chords of a circle intersect each other either inside or outside the circle, the rectangle contained by the segments of the one is equal to the rectangle contained by the segments of the other.

Loci.—The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The locus of the vertices of all triangles which have the same base and their vertical angles equal to a given angle is the arc of a segment of a circle.

Proportion :—Similar Triangles :—(Proofs applicable only to commensurable quantities will be accepted).

If a straight line is drawn parallel to one side of a triangle, the other two sides are divided proportionally ; and the converse.

If two triangles are equiangular their corresponding sides are proportional and the converse.

If two triangles have one angle of the one equal to one angle of the other, and the sides about these angles proportional, the triangles are similar.

The internal bisector of an angle of triangle divides the opposite sides internally in the ratio of the sides containing the angle, and likewise the external bisector externally.

(5) DRAWING.

Class VIII.

1st *Term.*

1. Drawing from flat (Free Hand).
2. Geometrical Drawing.
3. Memory Drawing.

2nd Term.

Model Drawing.

Books recommended : —

1. The teaching of Drawing by I. H. Morris.
2. Geometry by I. H. Morris Problems 1 to 100.

CLASS IX.

1st Term.

1. Free-hand and Model Drawing, (alternate lessons) in more developed forms than the class VIII Standard.
2. Geometrical Drawing.

2nd Term.

Follage from nature flat Tinting.

Books recommended.

1. Same as for Class VIII.
2. Same as for Class VIII Problems 100 to 200.

CLASS X.

1st Term.

1. Free-hand Drawing in more developed forms than the Standard of Class IX.
2. Geometrical Drawing and Mechanical Measurement.

2nd Term.

Summing up and revision of subjects taught in the last term and in terms of Class VIII and IX.

Books recommended.

1. The teaching of Drawing by I. H. Morris.
2. I. H. Morris Book of Geometry 200-223 problems.

(6) MANUAL TRAINING WOOD-WORK.

CLASS VIII.

(*a*) Scientific Principles.

(Educational advantages of Manual Training. Principles of Projection.)

(*b*) *Practical Principles.*

By demonstration (saws and sawing planes and planning etc.).

(*c*) *Practical work.*—(A round ruler. A penholder. A hat rack. Key-board. A toilet box. A picture frame etc.).

CLASS IX.

(a) *Scientific Principles*.

Growth and parts of growing tree. Germination, roots and leaves, their development and food supply. Seasoning timber. Shrinkage of timber. Chemical structure of wood and products formed by chemical changes, etc.

(b) *Practical Principles*.

(Miscellaneous Tools, Grind stone and grinding. Notes on various tools).

(c) *Practical work*.

Levelling Rule. A simple Ink Stand. A letter rack. A towen roller. A Book-shelf (Key joint) (A tea tray etc.)

CLASS X.

(a) *Scientific Principles*.

1. Science in Manual Training. Matter measurement. Metric system. Density. Specific gravity. Force and Work. Mechanical devices, levers etc.

2. Geography in Manual Training, trees, characteristics of various parts, Forestry and the Manual Training Lesson. Climate, rainfall, rivers, coast line of Europe, forest area of Asia Europe and America particularly forests of India and Burma. Lessons on principle trees and important timbers.

(c) *Practical Work*.

(A Stool, Teapoy. A Drawing Board (Tongue and groove joint). A tea square. A book rest. A Common box with lid. A box for sporks, spoons and knives (Drawer dove-tail join a photo stand. A stationery cabinet etc.)

Free-hand sketches of the new tools introduced at each stage and models attempted, with dimentioned scale, drawings showing orthographic projections. Latterly occasional oblique drawings should also be attempted.

NOTE :—1. This syllabus is for educational wood-work as an optional course. If this be compulsory for all sections, (a) scientific principles in the third year may be dropped.

2· The Class for educational wood-work should meet three times a week for one and a half hour each day, The Class for Drawing should meet as usual at least twice a week for an hour each time in addition.

3. It is advisable to have a practical examination at the end of each year besides an examination in Drawing, a satisfactory standard attained there in being a necessary condition for the Matric Certificate

4. The active co-operation of Science and Geography teachers should be enlisted so far as Science and Geography portions of the third year's course are concerned.

BOOKS FOR REFERENCE

1. The Principles of Educational wood-work by Benns & Masdon.
2. The Principles of Educational wood work by W.A. Milton (Blackie)
3. Manual Instruction wood work by Pearson.
4. Sloyd — Three Upper Grammar grades by G. Laressan (Bostan Manual Training School).

6.   PHYSICAL TRAINING.

1.   Exercises of the Body : –

Marching and running exercises, short distance and long distance running practice. Relay races and Cross Country races. Racing and running exercises with increased standards.

Posture Exercises : – –

Body exercises with thorough working out of the whole body. Corrective exercises. Light body bending. Body turning. Leaning rest exercises. In step exercises. Balancing and breathing exercises.

2.   Performance activities : –

Jumps of all kinds. Shot Putting. Pole vault. Hurdle races etc.

3.   Exercises for strength. courage and skill on apparatus. Horizontal bar. Rotation and knee grind from swinging to hanging position. Sitting rotation. Putting knees up to bar and turning around. Vaults. Straddling from stand and hanging position.

Parallel Bar : –Vaults. Rolling from straddle to straddle, shoulder stand from sitting position. Lying position, arm bending and stretching. Hand-stand.

4.   Floor Exercises :—Tumbling and wrestling. Boxing.

(5) *Games* : –Team games such as Hand-football, Freedodge ball and indigenous games such as " Bul-chic " and " Loanpat ". "Gill Danda ". Track ball. Hand ball, Foot-ball and Hockey.

INTERMEDIATE EXAMINATION.

SOCIOLOGY.

Introductory :

Subject matter of the Science, its definition and interdependent relations with the Social Sciences. The meaning of Sociology. Its sub-divisions. The method of Sociology. The advantages of studying Sociology.

History :

A brief survey of the development of Sociology. Social Philosophy.

The Structure of the Society :

Various conceptions of, and different kinds of Society. The meaning of Society.

The Basis of Society :

Family. Groups, Nationalities, Social Populations. Theory of Population. Over-population and under population.

The Nature of the Society :

Human Nature. The Individual and the Group Mind.

Social Processes :

Individual social processes (Influenced by factors like Climate, Resources, Environment, Occupation, etc.).

Socialization :

Imitation. Compulsion. Sympathy. Interest and Antagonism. Adaptation.

Individualization :

Differentiation. Opposition. Class struggle. Commercialization. Professionalization.

Social Conflict :

Conflict of interest. Exploitation.

Social Reconstruction :

Social Interactions. Crossfertilization of Culture.

APPLIED SOCIOLOGY.

Introductory :

General Sociology and Applied Sociology. The meaning and Scope of Applied Sociology. Its relations to State, Economics, and Ethics. Justification of Applied Sociology.

Wealth and Welfare :

The Meaning of Wealth and Welfare. Criterion of Welfare. Theories of Welfare (Bentham, Mill, Pigou).

Poverty and Pauperism :

Causes of Poverty. Its immediate remedies. Extent of Poverty. The Poverty Problem.

Vice and Crime ·

Economical and Social Causes of Vice and Crime. Remedies of Vice and Crime.

Social Pathology :

Social decadence. Degeneration. Intemperance. The Abnormal.

Social Reform :

Principles of Social Reform.

LOGIC.

Deductive Logic.

1. *Problem of Logic.*

    Definition and scope.
    Relation of Logic to other sciences.
    Logic as material and formal.

2. *Thought.*

    Essential nature and its forms.
    Laws of thought as psychological and logical.
    Judgment and proposition.

3. *Concept.*

    Its relation to Judgment.
    Concept and name.
    Name of term.
    Kinds of terms.
    Nomenclature of Predicables.

4. *Propositions.*

    Its classification.
    Distribution of terms in a proposition.
    Opposition of Propositions.
    Immediate Inference.

5. *Mediate Inferences and their Varieties.*

Syllogism, its nature and its constituent parts.
Rules of syllogism.
Figure and mood.
Determination of valid moods and their different methods.

5. *Fallacies.*

Their classifications.
The nature of each fallacy.

INDUCTIVE LOGIC.

1. *The Problem of Induction.*

Inductive process and its different forms.
Assumptions of Induction.
Laws of Causality and Uniformity of Nature.

2. *Preliminaries of Induction.*

Observation and Experiment.
Methods of Induction.

3. *Scientific and Imperfect Induction.*

Induction by Analogy, its nature and value.

4. *Hypothesis.*

Its formation and use.
Conditions of Legitimate Hypothesis.
Explanation of Deduction and Induction and their connection.

5. *Fallacies.*

Varieties of Inductive fallacies.
The nature of each Variety.

BOOKS TO BE CONSULTED.

Stout.—Groundwork of Logic.

Jevons.—Elementary lessons in Logic.

Minto.—Logic.

Carveth Read.—Logic-Deductive and Inductive.

Fowler.—Inductive Logic.

Jevons.—Studies in Deductive Logic.

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PSYCHOLOGY.

I.   The Problems and methods of Psychology.
II.   The Psychophysical organism and the Nervous System.
III.   Mind, Neural action and habit.
IV.   Attention, Discrimination and Association.
V.   Sensation :—
          1. Visual.
          2. Auditory.
          3. Cutaneous.
          4. Taste.
          5. Smell.
VI.   Perception.
VII.   Perception of Space and Time.
VIII.   Imagination.
IX.   Memory.
X.   Conception and Reasoning.
XI.   Feelings.
XII.   Reflex Action and Instinct.
XIII.   The Nature of Emotions.
XIV.   Elementary Features of Volition.
XV.   Character and Will.
XVI.   The self.

PHYSICS.

Dynamics.—The units of length and time. Displacements
speed, velocity, and uniform acceleration of particle moving in
a straight line. Momentum. Newton's Laws of motion ; the
units of mass and force. Hick's ballistic balance. Motion of
a particle in a straight line under the action of a force in that line
and in a vertical plane under the action of gravity. Energy,
work, power, and their units ; simple illustrations of the conserva-
tions of energy from Dynamics.

Conditions of equilibrium of a body under three con-current
forces (the parallelogram and triangle of forces). and under
parallel forces. Centre of gravity. Simple machines. The
balance and its sensibility.

The motion of a simple pendulum (studied experimentally),
deductions from the formula for the time of oscillation of a
simple pendulum.

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General properties of matter.—Extension, inertia, gravitation, divisibility, porosity, elasticity, cohesion, ductility, malleability, brittleness ; plasticity, viscosity. The three states of matter. Changes of state produced by heating and cooling.

Elasticity.—Its definition. Distinction between solids and fluids owing to difference in elasticity.

Hydrostatics.—Pressure at a point in a fluid ; definition and illustration ; transmissibility of pressure. Evaluation of pressure at a point in a heavy fluid at rest ; its uniformity in all directions. Resultant thrust in simple cases. The principle of Archimedes, floating bodies, hydrometers. Applications to practical determination of density and specific gravity. The pressure of a gas and its determination ; the barometer and its use in the measurement of atmospheric pressure. Boyle's Law, air pumps and water pumps.

Heat :—Temperature and its measurements ; the construction and graduation of thermometers. The thermal expansion of solids, liquids and gases and their accurate determination ; the air thermometer. Heat as a quantity ; the unit of heat, specific heat and the more direct methods of calorimetry. Laws of fusion, evaporation and ebullition ; latent heat. Vapour pressure and how it is measured. Saturated and unsaturated vapours. Conduction and convection of heat ; definition of thermal conductivity. Radiation ; absorption and reflection ; Law of cooling. The dynamical equivalent of heat ; the conservation of energy.

Light :—The rectilinear propagation of light, formation of shadows, images in pin-hole camera. The experimental facts and laws of reflection and refraction of light ; simple geometrical deduction from these, applicable to small direct pencils incident on plane and spherical surfaces. The eye and ordinary defects of vision. Magnifying power. Applications to thin lenses. The telescope and the microscope. The dispersion of light ; the spectroscope. Radiation and absorption of spectra. Critical angle and total internal reflection. Determination of refractive indices.

Magnetism :—Properties of magnets ; poles, laws of magnetiforce, unit poles, lines of force ; uniform magnetic fields and experimental methods of comparing them. The magnetic moment of a magnet. Comparison of magnetic moments. The earth's magnetic field ; the compass. Magnetic induction. The magnetic properties of iron and steel.

Electricity :—Electrified bodies ; electric quantity. Conductors and insulators. Distribution of electricity on conductors. Induction. Laws of force between two small charged spherical

conductors. Line of electrostatic force, the electric field. Electric force and electric potential. Difference of potential. Electric condensers and capacity. Dielectric constant.

The more common forms of voltaic cells and the actions that go on in the cells while producing a current. Polarization of cells and methods of preventing it. The action of currents on magnets ; galvanometers depending on such action, including suspended coil type. Metallic (Linear) conductors and electrolytes ; laws of electrolysis. Electromotive force, Ohm's Law ; resistance and the simpler methods of determining it. Measurement of current and comparison of Electro Motive Forces. Distribution of energy in circuit by current and heating effects. Electro-magnets.

Sound :—Simple vibratory motion. The production and propagation of sound ; the velocity of sound in air, and its determination of sound ; the velocity of air and its determination. Nature of wave motion and sound waves. Frequency of vibration, pitch. Amplitude of vibration ; loudness. Laws of vibration of strings and air columns, Interference of sound waves and beats.

<div align="center">PRACTICAL PHYSICS.</div>

Length measurements by millimetre scale, vernier micrometer gauge and spherometer.

Determination of areas and volumes by measurement of linear dimensions.

Verification of conditions of equilibrium of a body under coplaner forces.

Determination of the centre of gravity of a plate.

Verification of the law of a simple pendulum ; determination of g.

The inclined plane ; system of pulleys.

Use of balance, sensitive to ·01 gram.

Determination of volumes by weighing water ; determination of capacities of vessels.

Specific gravities of solids and liquids ; use of hydrometer.

Determination of atmospheric pressure by taking reading of Fortin's Barometer and correcting for temperature.

Verification of Boyle's Law.

Determination of fixed points of thermometer.

Determination of co-efficient of expansion of a rod.

Determination of co-efficient of apparent expansion of a liquid.
Expansion of air at constant pressure.
Co-efficient of increase of pressure of air with temparature at constant volume.
Curves of cooling ; melting points.
Determination of specific heats of solids and liquids.
Latent heat of water and steam.
Determination of vapour pressure ; boiling points.
Determination of the dew point by Regnault's and wet and dry bulb-hygrometers.
Comparison of thermal conductivities.
Radiation·of heat from different surfaces.
Verification of the Laws of reflection of light.
Tracing the path of a ray of light through a block of glass and deduction of refractive index.
Focal length of concave and convex mirrors.
Focal lengths of convex and concave lenses.
Measurement of the refractive index of a liquid by measuring its apparent depth.
Measurement by spectrometer of the angle of a prism and the refractive index for sodium light.
Comparison of illuminating powers of different sources of light by the shadow and the grease spot photo-meters.
Tracing the lines of force in a magnetic field by iron filings and also by means of a small compass.
Comparison of magnetic moments.
Comparison of strength of magnetic field by the method of vibration.
Study of the simple cell, the Daniel and Leclanche cells ;
Absolute measurement of current (i) by tangent galvanometer (ii) by electrolysis.
Measurement of heat developed by current.
Measurement of resistance of wires.
Comparison of electromotive forces ; the potentiometer.
Comparison of frequencies of turning forks.
Verification of laws of transverse vibration of strings.
Determination of velocity of sound by resonance of air columns.

CHEMISTRY.

Theoretical.

Inorganic.- –

Elementary and compound substances, mixtures, solution, chemical action, the laws of multiple and definite proportions, determination of equivalent weights. Dalton's Atomic Theory. atomic weights. Combination of gases by volume. Avogadro's

Hypothesis. Vapour denstiy, determination of molecular weights.
Valency, relation between equivalent and atomic weights.
Boyle's Law, Charles' Law, Vapour Pressure, Diffusion.
Chemical symbols, formulæ and equations, calculations of
an easy nature.
Combustion and the structure of flame.
Oxidation and Reduction.
Catalysis.
Elementary ideas as to the nature of dissociation in gases
and liquids, Ionic Theory treated in an elementary way.
Outlines of the Periodic Law.
The chief physical and chemical characters, preparation and
properties of the following elements and compounds with as far
as possible proofs of the composition of the compounds : --
Hydrogen, water, hydrogen peroxide, oxygen, ozone.
Nitrogen, the atmosphere, ammonia, nitric acid and nitrates,
nitrous acid and nitrites, the oxides of nitrogen, carbon, marsh
gas, ethylene, acetylene, carbon dioxide, carbon monoxide, coal
gas ; chlorine, hydrochloric acid, chlorides, oxides and oxyacids
of chlorine, bleaching powder, bromine, iodine, and their
hydracids.
Sulphur, sulphuretted hydrogen, and sulphide, oxides of
sulphur, sulphuric acid and the sulphates, sulphurous acid and
the sulphites, thiosulphates.
Phosphorus, phoshuretted hydrogen, oxides of phosphorus,
acids phosphoric.
Boric acid, silicon, silica, silicates, glass, arsenic, hydride and
oxides of arsenic.
A brief description of the following metals, important technical
methods of their preparation, their applications, chief com-
pounds, uses and tests :—
Sodium, Potassium, Ammonium radical, Calcium Magnesium
Zinc, Copper, Lead, Mercury, Aluminium, Silver, Tin and Iron
Organic.
Systematic study of the modes of occurrence, preparation
general properties and constitutional formulæ of the following :—
Methane, Ethane and their derivatives, *viz.* haloid compounds,
alcohols, ethers, aldehydes, ketones, monobasic acids, oxalic,
succinic, tartaric and citric acids. Ethylene acetylene, amines,
glycin, cane sugar, dextrose, levulose, starch, glycerol. Fats and
vegetable oils, soaps, urea and uric acid, benzene, its chief deriva-
tives. *viz.* nitro and amino compounds. Phenol, benzaldehyde,
benzoic acid, salicylic acid.

Practical.

Students are expected to do the following experimental work.
An account of each experiment must be written by the student

in a special note-book and regularly initialled by the Demonstrator or the Professor-in-charge. These note-books shall have to be submitted to the Examiner at the time of the University Examination.

(1) Fitting up of simple apparatus.
(2) Simple chemical manipulations, such as filtration, distillation, decantation, crystallization. etc.
(3) Use of the chemical balance.
(4) Investigation of common materials, such as salt, lime-stone, alum, blue vitriol. etc.
(5) Preparation and properties of the following :—

Hydrogen, Oxygen. Nitrogen, Chlorine, Hydrogen Chloride, Carbon Dioxide. Carbon Monoxide, Nitrous Oxide, Ammonia.

(6) Determination of the water of crystallization.
(7) Determination of equivalent weights of simple elements.
(8) Preparation of simple salts.
(9) Effect of heat on single substances and mixtures.
(10) Qualitative analysis of single salts.
(11) Simple exercises in volumetric analysis, comprising.
(a) Alkalimetry and acidimetry (b) Estimation of ferrous iron and oxalic acid by means of permanganate (c) Estimation of chlorine ions by means of silver nitrate solution.

BIOLOGY.

Zoology.

The fundamental facts and laws of Biology.
Distinction between animals and plants.
Differentiation of structure, modification and division and function of the cell.
The elements of animal physiology.
The fundamental facts of heredity, variation, environment, adaptation and evolution.
A general description and distinctive characteristic and life-history of the following:—
Amœba, Paramœcium, Vorticella Hydra, Earth-worm, Mosquito, Cockroach, Frog. external features, dissection, digestive, circulatory, lymphatic, respiratory, skeletal, muscular, nervous systems and development of frog.
General characters of Aves.
General characters of Mammals.

Botany :—

The distinguishing features of living and non-living bodies.
The description and the minute structure of a vegetable cell.

Chemical and physical properties of protoplasm, direct and indirect division of a cell.

Description of the microscopic and microscopic appearance of root, stem and leaf.

General description of flower, inflorescence and branching, fruit, seed and dispersal of seeds of the types studied.

Transpiration, respiration and absorption in plants.

Reproduction in plants.

Elements of classification.

Description and practical knowledge of the structure, function and life-history of Yeast, Mucor, Spirogyra Fern, Cycas, Maize and Sunflower.

N. B.— Students are expected to keep a record of all practical work in a special Laboratory Note-book which will be liable to Examination by the University Examiners. The laboratory Instructors should sign the result of each day's practical work.

MATHEMATICS.

1. *Geometry.*

Algebra.—

Ratio, proportion and variation.

Progressions, including the summation of squares and cubes of natural numbers.

Surds and elementary properties of imaginary quantities including the cube roots of unity.

Solution and theory of quadratic Equations. Quadratic Expressions. Easy Equations solvable as quadratics, including easy simultaneous quadratic equations.

Permutations and Combinations (easy treatments.)

Binomial Theories for positive integral index. Statement and application of the Binomial Theorem for negative and fractional indicies, with elementary notions of convergence. Logarithms of numbers.

Trigonometry.

Sexagesimal and circular units of angular measurement.

Trigonometrical ratios of any angle and simple relations connecting them.

Periods and graphs of trigonometrical functions. Graphical solution of simple trigonometrical equations.

Addition and subtraction formulae. Logarithms of trigonometrical ratios and the use of trigonometrical tables. Properties and solution of triangles with the use of tables. Simple cases of heights and distances in two and three dimensions.

Radii of circumscribed, inscribed and escribed circles of a triangle.

Inverse circular functions (principal value).

Geometry.—Plane.—

The feet of the perpendiculars on the sides of a triangle from any point on the circumcircle are collinear.

The existence and simpler properties of the nine points circle.

If ABC be a triangle and AD a median,

$$AB^2 + AC^2 - 2(BD^2 - AD^2).$$

If ABC be a triangle and AD the bisector of angle A,

ABXAC—BD, DC+AD^2.

If ABC be a triangle and AD the perpendicular from A on base and AE the diameter of the circumcircle, then.

AB.AC+AD.AE.

If ABC be a quadrilateral inscribed in a circle, AC.BD—AB.CD—BC.AD.

If two rectilinear figures are similar, they can be so placed that the lines joining their corresponding verticies are concurrent.

If two rectilinear figures are similar their corresponding sides and diagonals are proportional and their areas are proportional to the squares of corresponding sides.

Every straight line which passes through the extremities of two parallel radii of two fixed circles passes through one or other of two fixed points.

If A, B, C, D be four points taken in order on a straight line,

AB.CD+BC.AD+CA.BD—O

Simple properties of cross ratios and harmonic section.

If a straight line be drawn from a given point to cut a given circle, the intersection of the tangents at the two points of section always lies on a fixed straight line.

If the polar of A passes through B, then the polar of B passes through A.

Determination of the locus of points from which the tangents drawn to two given circles are equal.

The radial axis of three circles taken in pairs are concurrent.

Construction of the radial axis of two given circles.

To draw a circle to touch a given circle (O), and also to touch a given straight line PQ at a given point A.

To draw a circle to pass through two given points A & B and to touch two given straight lines AB, AC

Ceva and Menelans' theorems about concurrency and collinearity, with simple applications.

Elementary maxima and minima (geometrical treatment).

Geometry.—Solid.

Elementary properties of lines and planes.

Solid figures.   Regular polyhedra.

Surfaces and volumes of parallelopipeds, prisms, pyramids, cylinders, cones and spheres.

Geometrical Conics.—

Tracing of Parabola, Eclipse and Hyperbola from the definition.

Simple common properties of the conic sections :—

If a straight line cut a conic, whose focus is S, in points P and P¹ and the directrix in D, then SD will be equally inclined to SP¹ nad SP.¹

The portion of a tangent to a conic intercepted between its point of contact and a directrix, subtends a right anen at a corresponding focus.

Tangents at the extremeties of a focal chord of a conic intersect on the corresponding directrix.

If from any point T on the tangent at a point P of a conic TH be drawn perpendicular to the directrix and TK perpendicular to the focal distance SP then the ratio SK : TH will be equal to the eccentricity.

To draw tangents to a conic from an external point.

The normal at P to a conic meets the transverse axis in G, then SG. SP.

Parabola.—

Latus rectum is four times the focal distance. -

PN Œ4 AS. AN.

The tangent bisects the angle between the focal distance and the perpendicular on the directrix.

The tangents at the extremeties of a focal chord intersect at right angles on the directrix.

The substangent is bisected at the vertex.

The subnormal is equal to half the latus rectum.

The locus of the foot of the perpendicular from the focus on any tangent is the tangent at the vertex.

The locus of the middle points of parallel chords is a straight line, parallel to the axis, passing through the point of contact of the tangent parallel to the chords.

~ *Ellipse.*—

$$CS.CX^2 \quad - \quad CA^2$$
$$PN^2 \quad - \quad CB^2$$
$$AN.^2 \ A'N. \ - \quad CA^2$$
$$CB^2 \quad - \quad SA. \ SAr.^1$$
$$SP+S'P \quad - \quad AA^1.$$

The curve is symmetrical with regard to the minor axis and has a second focus and a corresponding directrix.

The locus of middle points of parallel chords is a straight line passing through the centre and the points of contact of tangents parallel to these chord

The tangent at any point makes equal angles with the focal distance of the point.

The locus of the feet of the perpendiculars from the foci on any tangent is the auxiliary circle.

Note.—Proofs with the help of projection will be accepted.

Hyperbola.—

The difference of the focal distances of any point on a hyperbola is constant.

The tangent at any point makes equal angles with the focal distances of the point.

The locus of the feet of the perpendiculars from the foci on the tangents is the auxiliary circle.

Co-ordinate Geometry..—

Rectangular axes only

Meaning of a graph.

The question of a straight line. Two straight lines, given by the general equation and the angle between them.

Circle.—General equation.

Circle through three points, chord, tangent, intersection of a straight line and a circle chord of contact, pole and pollar and condition of tangency.

Equation of parabola, ellipse and hyperbola refered to principal axes.

Intersection of a straight line with a conic and condition of tangency. Tangent and normal Very simple tantament required.

Calculus. -

Idea of limit and continuity.

Differentiation of elementary algebraic, trigonometric, exponential and logarithmic functions and their simple - combinations. Successive differentiation excluding Leibnitz theorem.

Geometrical application to the tangent and normal properties of conics and other simple curves.

Integration as the inverse of differentiation. Integration of simple standard functions by simple substitution. Evaluation of definite integrals by substitution of limits.

B. A. EXAMINATION.

I. GENERAL ECONOMICS.

Introductory. Subject-matter of the Science and its definition. The divisions of the Science and their interdependence. Definition of wealth, capital, land, labour utility, value and price.

Land.—Qualities and characteristics. Its difference from capital. The Law of diminishing returns. Land improvements. Land values and Economic progress.

Labour. -Distinctive qualities. Skilled and unskilled labour. Productive and unproductive labour. The division of labour. Conditions of efficiency. Mobility of labour. The Law of population.

Capital.—Qualities, conditions of accumulation.

Production. -The three agents and the extent to which they are needed. Production on a large and small scale. The Employer. Machinery. Principle of substitution : Localisation of industry. Law of increasing returns. Law of constant returns.

Consumption. –Wants. Interdependence with activities. Necessaries and Luxuries. Diminishing utility. Consumer's surplus. Elasticity of demand. Fashion and custom.

Exchange.---Definition and Criteria of a market. Demand and supply. Marginal supply and demand. Prices. Equilibrium of demand and supply. Influence of time. Wholesale and retail prices. Dealers and Speculators.

Distribution. -—Analysis of interest, profits, rent, and wages. Gross, and net interest. Normal rate of interest and the changes in it. Interest paid by agriculturists. The Classical Theory of

rent. Its application to Indian conditions. Relation of rents to prices. Limitation of rents by Legislation. Real and nominal wages. Net advantages. Normal rate of wages. Changes in nominal wages. Effect of a rise in wages. Earnings of specialised occupations. Earnings of Management. The National dividend.

INDIAN ECONOMICS.

Introductory.—Natural environments and how they moulded economic life in India. Special features of Indian Sociology and ,its connection with Indian Economics.

Production.—Special features of the factors of production in India. The condition of agriculture and means of its improvement. Forest, Mines, Indian animals ; their economic importance Manufactures in India, causes of their decay, suggestions for improvement. The place of foreign capital in the development of Indian industries. Large scale versus small scale production. The Industrial Revolution. Factory labour. The beginning of the Labour problem.

Distribution.—Theory of distribution and its applicability to Indian conditions. Rent, Agricultural rents and Mining rents. Wages, connection between prices and wages. Interest, bank rates. The money-lender. Need of credit. Co-operative credit.

Exchange.—Currency, history of rupee, paper currency system gold exchange standard, gold standard reserve. Home charges, council bills and reverse council. Advantages and weaknesses of the Indian Monetary system. Rate of Exchange. The nature and causes of the difficulties experienced during and after the War. Banking. Short history of the growth of Banking in India. Various classes of banks and their business. The Imperial Bank of India.

Consumption.—The standard of life. Effects of consumption on production. The necessary reforms.

Taxation.—Principles of taxation. Direct and indirect taxation. The Indian Financial System. The Budget and the annual financial statement. Public loans.

The State and Economics.—The Land revenue system, zamindari and raiyatwari tenures. Tenancy legislation. Famines— causes and effects, measures for prevention. The Co-operative movement in India ; its benefits ; its progress. Railways ; history of their development ; their present position and future prospects ; the problem of State versus private railways ; the bearing of railway policy on the indigenous industries of the country. Irrigation ; present condition : major and minor works ; productive and protective works ; prospects of future development. The State in relation to industry. Free trade and protection. India and Imperial preference. The effects of war on the various phases of economical life in India,

II. Sociology.

Introductory. —Subject-matter of the science, its definition and interdependent relations with the social sciences. The meaning of sociology. Its subdivisions. The method of sociology. The advantages of studying sociology.

History.—A brief survey of the development of sociology, social philosophy.

The Structure of Society. —Various conceptions of, and different kinds of society. The meaning of society.

The Basis of Society.—Family. Groups. Nationalities. Social population. Theory of population. Overpopulation and underpopulation.

The Nature of Society. --Human nature. The Individual and the Group Mind.

Social Processes. —Individual social processes (Influenced by factors like climate, resources, environment, occupation, etc.).

Socialization. —Imitation. Compulsion. Sympathy. Interest and antagonism. Adaptation.

Individualization. —Differentiation. Opposition Class struggle. Commercialization. Professionalization.

Social Conflicts. —Conflict of interests. Exploitation.

Social Reconstruction. —Social interactions. Cross-fertilization of culture.

Applied Sociology.

Introductory. —General sociology and applied sociology. The meaning and scope of applied sociology. Its relations to State economics, and ethics. Justification of applied sociology.

Wealth and Welfare. --The meaning of wealth and welfare. criterion of welfare. Theories of welfare. (Bentham, Mill Pigou).

Poverty and Pauperism. —Causes of poverty. Its immediate remedies. Extent of poverty. The poverty problem.

Vice and Crime. —Economical and social causes of vice and crime. Remedies of vice and crime.

Social Pathology. -Social decadence. Degeneration. Intemperance. The abnormals.

Social Reform. —Principles of social reform.

III. Mathematics.

Algebra. —Interest and annuities, inequalities, s mple tests of convergence of series, partial fractions, summation of series; continued fractions; indeterminate equation of the first degree.

Theory of Equations and Determinants.—Relations between the roots and coefficients of an equation; easy transformations. Cardan's solution of the cubic equation, solution of the biquadratic equation; solution of numerical equation by Horner's method. Development and elementary properties of determinants, and their applications to the solution of linear simultaneous equations and in elimination.

Trigonometry.—De Moivre's Theorem ; expansions of trigonometric functions ; hyperbolic and inverse functions ; summation of series ; expression of trigonometric and hyperbolic functions as infinite products.

Pure Geometry.—Concurrency and collinearity, harmonic ranges and pencils ; properties of a complete quadrilateral and complete quadrangle ; properties of a circle ; pole and polar ; coaxial circles ; inversion ; orthogonal projection applied to derive the properties of ellipse from those of the circle.

Analytical Geometry of two dimensions.—Cartesians and polar co-ordinates ; transformation of axes ; straight line ; circle ; parabola ; ellipse hyperbola ; the general equation of second degree ; tangents ; normals ; focii ; directrices ; conjugate diameters ; parametric representation ; tracing of curves given by general second degree ; polar equations of conics.

Analytical Geometry of three dimensions.—Equations of the plane and the straight line ; standard forms of the equations of sphere and ellipsoid.

Differential and integral calculus.—Limits and continuity of functions ; differentiation (standard forms) ; successive differentiation ; mean value theorem ; Taylor's and Maclaurin's theorem (with remainder) for a single variable ; expansion of functions in power series ; indeterminate forms ; partial differentiation ; maxima and minima of a function of a single variable ; curvature ; asymptotes ; envelopes ; curvetracing.

General methods of integration ; standard forms; reduction formulæ ; rectification of plane curves; quadrature ; surfaces and volumes of solids of revolution ; approximate evaluation of definite integrals (Simpson's rule) ; elementary notions of double and triple integrals and their use ; centre of gravity and moment of inertia.

Differential Equations.—Formation of a differential equation, ordinary and partial ; equation of the first order (standard forms) ; linear equations of any order with constant coefficients ; homogeneous linear equations ; simple trajectories.

Statics.—Composition and resolution of forces ; parallel forces, general conditions of equilibrium of a body under coplanar forces, centre of gravity and stability ; work ; virtual work ; friction ; simple machines.

Graphical Statics.—Funicular polygon; link and force poly-
gon; shearing force and bending moment; stresses in a frame-
work.

Dynamics.—Uniform and accelerated motion, laws of
motion; impulse and impulsive forces; kinetic energy and poten-
tial energy; conservation of energy and momentum; projectiles;
collusion of elastic bodies; hodograph; tangential and normal
acceleration; radial and transversal acceleration; elementary
treatment of central orbits; simple harmonic motion; motion on
a smooth curve; simple pendulum; units and dimensions.

Hydrostatics. -Fluid pressure at a point; centre of pressure
resultant pressure in a given direction; equilibrium of floating
bodies, stability and metacentre; specific gravity; Boyle's and
Charles' laws about gases; mixture of gases; barometer, homo-
geneous atmosphere; simple application of hydrostatics to ma-
chines such as diving bell, water pump, air pump, syphon and
hydraulic press.

Astronomy—Apparent motion of the heavens, principal con-
stellations and the most conspicuous stars; celestial sphere;
horizon, zenith; poles, meridian equinoxial points, solstices;
celestial co-ordinates; astronomical instruments; *viz.*, telescope;
astronomical lock, transit theodolite, sextant, chronometer;
alt-azimuth; magnitude of the earth; apparent annual motion
of the sun; constellations of the zodiac; the ecliptic and its obli-
quity; seasons; sideral time; solar time; equation of time,
conversion of time.

Refraction; twilight; parallax; aberration; precession; and
nutation (simple explanation); determination of clock error
and rate by observation; determination of tight ascension and
declination of a heavenly body; latitude and longitude of a
station; solar system and the motion of the planets; Kepler's
laws; comets and meteors; motion of the moon and her phases;
nodes; moon's sideral and synodic period; eclipses of the sun and
the moon; calendar; the use of the nautical almanac.

Astrophysics.--Laws of reflection and refraction of light;
lenses; astronomical telescope; dispersion; achromatism; axial
rotation of the sun and planets; study of the surface of the sun;
sunspots; spectroscope; Doppler's principle; chemical elements
in the sun; spectrum of sunspots; chromosphere, prominences;
corona; sun's light and heat.

Star magnitudes, photometry; variable stars; novae; stellar
spectra; star clusters; nebulæ milky way, theories of solar and
stellar evolution.

IV.—PHILOSOPHY.

Problems of Philosophy :—

I.   Introductory ..
1.   What is Philosophy.   Poetry and
        Philosophy.
2.   Philosophy and Science.
3.   Philosophy and Religion.
4.   Method in Philosophy.
     (a) Is Philosophy possible or profitable ?
     (b) Positivism.
     (c) Scepticism.
     (d) Mysticism.
     (e) Instrumentalism.
     (f) Logico-analytical Method.
     (g) Deductive Method.

II. Cosmological
        Inquiries.
(1) The Cosmos : 1. Our Universe.
                 2. Space and Time.
                 3. Space—Time.
                 4. Bergson Theory of Time.
                 5. The Origin of Earth.
(2) The Nature & Origin of Life.
    The Nature of L fe.
    Mechanism.
    Vitalism.
    Emergent Evolution—The Theory of
        Levels.
(3) The Philosophy of Evolution.
    Herbert Spencer.
    Lamarck.
    Darwinism.
    The assumption in Darwinism and its
        difficulties.
    Creative Evolution.

III. Ontological
        Inquiries.
(1) Monism 1. Materialism—Naturalism.
              Energetics.
            2. Idealism or Spiritualism.
               Platonic Idealism.
               Subjective Idealism.
               Idealism of Leibniz.
               Pansychism.
               Voluntaristic Idealism.
               The Idealism of Kant.
               Absolute Idealism.
               Personalism.

(2) Dualism.
(3) Pluralism.

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IV. The theory of Knowledge or Epistemology.

    I. The sources of knowledge.—
      1. Rationalism.
    (*a*) Metaphysical Rationalism.
    (*b*) Mathematical   ,,
    (Plato, Descartes, Spinoza, &c.)
    (*c*) Formalistic Rationalism
                (Kant).
    (2) Empiricism.
    II. The Validity of knowledge
      Realism.
      Idealism { subjective. objective.
    III. Pragmatism — Doctrine of Truth.
    (*a*) Correspondence Theory of Truth.
    (*b*) Coherence   ,,   ,,
    (*c*) Pragmatistic ,,   ,,

Indian Philosophy : -

1. The Philosophical implications of Vedic religion.

    (*a*) The sense of the one in the many.
    (*b*) The question of Monotheism and Pantheism.
    (*c*) Cosmology.

2. Philosophy of the Upanishads.

    (*a*) Concepts of Atman and Brahman.
    (*b*) Law of Karma.
    (*c*) Ethics and theory of knowledge in the Upanishads.
    (*d*) Beginnings of Sankhya, Yoga and other systems.
    (*e*) Idealism and Realism.
    (*f*) Philosophy of the Absolute.

3. Early systems of Religious Philosophy Gita -its doctrine

4. Systems of Philosophy -Darshanas.

    (*a*) Charvoka.

    (*b*) Buddhistic systems.

        1. Doctrine of Truth and Error.

        2. Theory of Being and Dialectic.

        3. Ethical Disciplines.

        4. Philosophical standpoints.

    (*c*) The Nyaya- -Vaisheshika.

        1. Epistemology and Logic.

        2. Theory of Reality.

        3. Theory of Causation.

4. The automic theory—Ara Vada.
5. Psychology.
6. The proof of existence of Soul and God.
7. Apaverga and its means

(d) Sankhya—Yoga.
1. Classification and analysis of the Pramanas.
2. Theory of Realty Evolution and Involntion. Pursha and Prakriti.
3. Sat Karva Vada.
4. Psychology—Parinama Veda.
5. Practicl philosophy.
6. The Indivdual and the World.
7. The question of Idealism.
8. The concept of Ishwara.

(e) Purva Mimansa.
1. The Doctrine of Atman.
2. Realism and Conceptualism.
3. Different views of Mukti.

(f) Uttra Mimansa (Advaita)
1. Theory of knowledge, logic and dialectics.
2. Brahma—Maya and Avidya.
3. Theories of Creation—Viverta and Parinama.
4. Ethical standard—Self Realisation, Nishkama Kar
5. Steps of Realisation.
6. Mukti.
7. Saguna Brahma and Nirguna Brahma.
8. Other Development.
   (a) Vishishtadvaita.
   (b) Dvaita.
   (c) Shudhadvaita, etc.

Islamic Philosophy :—
(1) Ilm-ul-kalam.
(2) Pure Philosophy.
(3) Mysticism.
A. Ilm-ul-kalam.—

(1) Freedom and necessity.
(2) The relation of Divine Being to its attributes.
(3) The word of God created or eternal.

(4) Miracles.

(5) Prophethood and Revelation.

(6) Substance and attributes.

(7) The problem of values.

The above problems to be studied chiefly with reference to the teachings of Wasil ibn-i Ata, Abulhasan Ashari, Abul Huzail Allaf, Nazzam, Ghazzali, Ibn Rushd.

B. *Pure Philosophy* :—

Logic, Metaphysics and Ethics, Alkindi, Farabi, Ibn Sina, Ibn Rushd, Ibn Miskwaih, Shaikh-ul-Ishraq.

C. *Tasawuf* :—

The mystical elements in the Holy Quran and the Hadis. The special doctrines of Tasawaf.

Historical Influences.

The Relation of Islamic Mysitcism to non-Islamic doctrine like Neoplatonism, etc.

Psychology :—

1. Definition, Scope, Methods and Postulates of Psychology.

2. Psychology of the Nervous system.

3. Attention.

4. Sensations—General Nature.

5. Perception.--
    (1) of space.
    (2) of time.
    (3) of Reality.

6. Imagination :—Association, Dreams, Play.

7. Memory.

8. Conception.

9. Reasoning.

10. Intelligence—General Nature.

11. Feelings and Emotions.

12. Instinct.

13. Learning and Habit Formation—Imitation.

14. Will.

15. Self.

16. Nature of consciousness -Automatom theory, Behaviourism, Purposive Psychology.

B. Sc. EXAMINATION.

MATHEMATICS—MAIN.

Algebra.—Interest and annuities, inequalities, simple tests of convergence of series, partial fractions, summation of series ; continued fractions ; indeterminate equation of the first degree.

Theory of Equations and Determinants.—Relations between the roots and coefficients of an equation, easy transformations. Cardan's solution of the cubic equation, solution of the biquad-ratic equation, solution of numerical equation by Horner's method. Development and elementary properties of determinants, and their applications to the solution of linear simultaneous equations and in elimination.

Trigonometry.—De Moivre's Theorem ; expansions of trigonometric functions ; hyperbolic and inverse functions ; summation of series ; expression of trigonometric and hyperbolic function as infinite products.

Analytical Geometry of two dimensions.—Cartesian and polar co-ordinates ; transformation of axes ; straight line ; circle ; parabola ; ellipse, hyperbola ; the general equation of second degree ; tangents ; normals ; focii ; directrices ; conjugate diameters ; parametric representation ; tracing of curves given by general second degree ; polar equations of conics.

Analytical Geometry of three dimensions.—Equations of the plane and the straight line ; standard forms of the equations of sphere and ellipsoid.

Differential and integral calculus.—Limits and continuity of functions ; differentiation (standard forms) ; successive differentiation ; mean value theorem ; Taylor's and Maclaurin's theorem (with remainder) for a single variable ; expansion of functions in power series ; indeterminate forms ; partial differentiation ; maxima and minima of a function of a single variable ; curvature ; asymptotes ; envelopes ; curvetracing.

General methods of integration ; standard forms ; reduction formulæ ; rectification of plane curves; quadrature ; surfaces and volumes of solids of revolution ; approximate evaluation of definite integrals (Simpson's rule) ; elementary notions of double and triple integrals and their use ; centre of gravity and moment of inertia.

Differential Equations.—Formation of a differential equation, ordinary and partial ; equation of the first order (standard forms); linear equations of any order with constant coefficients ; homogeneous linear equations ; simple trajectories.

Statics.—Composition and resolution of forces ; parallel forces, general conditions of equilibrium of a body under coplanar forces, centre of gravity and stability ; work ; virtual work ; friction ; simple machines.

Graphical Statics.—Funicular polygon ; link and force polygon ; shearing force and bending moment ; stresses in a framework.

Dynamics.—Uniform and accelerated motion ; laws of motion ; impulse and impulsive forces ; kinetic energy and potential energy ; conservation of energy and momentum ; projectiles ; collision of elastic bodies ; hodograph ; tangential and normal acceleration ; radial and transversal acceleration ; elementary treatment of central orbits ; simple harmonic motion ; motion on a smooth curve ; simple pendulum ; units and dimensions.

Hydrostatics.—Fluid pressure at a point ; centre of pressure resultant pressure in a given direction ; equilibrium of floating bodies, stability and metacentre ; specific gravity ; Boyle's and Charles' laws about gases ; mixture of gases ; barometer, homogeneous atmosphere ; simple application of hydrostatics to machines such as diving bell, water pump, air pump, syphon, and hydraulic press.

Astronomy.—Apparent motion of the heavens, principal constellations and the most conspicuous stars ; celestial sphere ; horizon ; zenith ; poles ; meridian equinoxial points, solstices ; celestial co-ordinates ; astronomical instruments ; *viz.*, telescope ; astronomical clock, transit theodolite, sextant chronometer ; altazimuth ; magnitude of the earth ; apparent annual motion of the sun; constellations of the zodiac; the ecliptic and its obliquity ; seasons ; sideral time ; solar time ; equation of time, conversion of time.

Refraction ; twilight ; parallax ; aberration ; precession ; and nutation (simple explanation) ; determination of clock error and rate by observation ; determination of right ascension and declination of a heavenly body ; latitude and longitude of a station ; solar system and the motion of the planets ; Kepler's laws ; comets and meteors ; motion of the moon and her phases ; nodes ; moon's sideral and synodic period ; eclipses of the sun and the moon ; calendar ; the use of the nautical almanac.

MATHEMATICS. (*Subsidiary*).

Algebra.—Simple test of convergency of series. Exponential and Logarithmic Series. Partial Fractions. Summation of series. Determinants and their application in solving linear simultaneous equations and in elimination. Cardan's Solution of the Cubic, Horner's method of solving numerical equations.

Trigonometry.—De Moivre's Theorem and easy deductions therefrom. Hyperbolic Functions. Summation of Series.

Analytical Geometry of Two Dimensions :—

Cartesian and Polar Co-ordinates. Simple transformation of axes. Straight line. Circle. Parabola. Ellipse and Hyperbola. Tracing of the curve given by the general second degree equation. Polar equation of the Conic Section.

Differential and Integral Calculus.—Limits. Continuity of functions, differentiation (standard forms), Successive differentiation. Mean value theorem. Taylor's and Maclaurins Theorems Expansions. Indeterminate forms, Partial differentiation. Maxima and Minima of functions of a single variable. Points of inflexion. Curvature. Envelopes and elementary curve tracing.

General methods of integration, standard forms, elementary reduction formulæ involving trigonometrical functions, definite integrals, rectification, quadrature, volumes and surfaces of solids of revolution, approximate, evaluation of definite integrals, (Simpson's Rule).

Simple applications of Calculus to physical examples. Elementary treatment of double and triple integrals. Centre of gravity and moment of Inertia.

Differential equations.—Equations of the first order, standard forms, linear equations with constant coefficients. Simple cases of particular integral. Trajectories.

Statics.—Composition and resolution of Coplanar forces parallel forces, General conditions of equilibrium of a body under coplanar forces. Centre of gravity, work, simple examples of friction, machines.

Dynamics.—Uniform and accelerated motion in a straight line. Laws of motion, Impulse, Kinetic and Potential energy and Conservation of energy and Momentum. Projectiles. Direct impact of elastic bodies. Normal acceleration and its applications. Simple Harmonic Motion. Simple Pendulum. Units and Dimensions.

Hydrostatics.—Fluid pressure at a point. Centre of pressure. Resultant pressure. Equilibrium of floating bodies. Specific gravity. Boyle's and Charles' Laws. Mixture of gases. Barometer. Homogeneous atmosphere. Simple application of Hydrostatics to machines as diving bell, water and air pumps, Syphons.

PHYSICS.

Main Subject.

Theory. —The course includes a more extended study of the matter included in the Intermediate Course and in addition the following :—

General Physics and Properties of Matter.

Uniform motion in a circle. The Hodograph. Simple Harmonic Motion-Composition of Simple Harmonic Motions. Angular Velocity and angular accelerations.

Angular momentum. Moments of Inertia in simple cases. Gravitation. The Compound Pendulum and accounts of experiments to find the mean density of the Earth.

Elasticity. Hooke's Law. Compressibility of gases (at high and low pressure) and liquids Compressibility and Rigidity of Solids. The Elastic Limits. Strain due to simple longitudinal pull. Young's Modulus and is expression in terms of 'k' and 'n'.

Bending in one plane of bars of simple and uniform cross-sectional area. Simple twisting of wires of circular cross sectional area by couple in plane at right angles to length. Torsional rigidity. Application to torsion balance and shafts. The Bifilar suspension.

Capillary phenomena and general theory of Surface Tension.

Diffusion of Liquids and gases. Osmosis. Viscosity. The elements of Kinetic Theory and its application to explain the simple gas laws. Vander Waal's equation. Modern method of producing high Vacua and of measuring pressure in them.

Heat.—The methods of calorimetry and thermometry. Vapour pressures. Critical temperature. Conduction and diffusion of heat and the determination of Constants. Radiation and Absorption. Laws of Cooling. Methods of measuring radiation. Stefan's Law. Laws of Thermodynamics and their simple applications. Entropy.

Light. —Velocity of Light. Photometry. Combination of tow or more thin lenses. Thick lenses. Achromatism in lens system. The Telescope and the Microscope. Direct vision spectroscope. Rainbow.

The Wave theory. Simple Interference Phenomena. Huygen's Principle. Explanation of Rectilinear propogation. Reflection and Refraction of light. Action of mirrors, prisms and lenses reviewed from this stand point.

Simple Diffraction Phenomena. Diffraction Gratings and determination of wave lengths. Spectrum analysis. Line and Band Spectra. Elementary knowledge of Bohr's theory of Hydrogen Spectrum. Doppler's Principle. Double refraction and Polarisation of Light. Rotary polarisation. Simple applications.

Magnetism.—Forces on a magnet in a magnetic field. Magnetic Moment and intensity of magnetization. Magnetic potential and equipotential lines and surfaces. Interaction of two short magnets. Determination of field strength.

Magnetic Shell. Its potential energy in a magnetic field. Magnetic induction in magnetic substances. Magnetic premeability and susceptibility. Outline of the theory of magnetism.

The magnetic field of the Earth. The magnetic elements and their variations. The Compass and its corrections.

Electricity.—Electric Capacity. Dielectric constant. Distribution of Electricity on a surface of conductors. Total normal induction. Gauss's theorem. Value of electric forces in simple cases of distribution. Electric images. The Mechanical force on charged conductors. Energy of electrified system. Electrometers and their use.

Tubes of induction and lines of force. Stresses in tubes and pressure at right angles to them.

Wheatsone's bridge. Specific resistance. Resistance thermometer. Conductivity of electrolytes. Ionisation. Migration of Ions. Accumulators. Standard cells. The potentiometer system of measurements. Thermoelectricity. Application of thermodynamics. Peltier and Thomson's effects. Thermoelectric diagrams. Electromagnetic induction. Induction-coils. Energy of circuit carrying current when placed in a magnetic field. Mechanical force on conductors carrying a current. Moving coil instruments. Theory of Ballistic galvanometers. Lenz's Law. Determination of current. resistance, E. M. F. and capacity in absolute measure. Elements of alternating current theory. The oscillatory discharge of a condenser.

The elementary theory of the continuous current dynamo and motor. General principles of the application of electricity to lighting. Power transmission. Telegraphy and Telephony.

Elements of wireless telegraphy and telephone, with the theory of the thermoinics. The discharge of electricity through gases. X-Rays and radioactive phenomena.

Sound.—The transmission of energy through material media by wave motion. Speed of propogation of waves of permanent

type. Forced and free vibrations. Resonance. Nature of musical sound. Pitch scales. Reflection and refraction of sound. The vibration of string, bars, plates and gas columns. Organ pipes. Interference phenomena. Analysis of sound. Sensitive flames. Sound ranging. Measurement of wave length. velocity and pitch.

Practical Course.—Candidates will be required to possess general acquaintance with the phenomena and to make Physical measurements dealing with these phenomena

PHYSICS.
Taken as Subsidiary.

The Course will be of somewhat lower standard than that in which Physics is taken as a main subject and the syllabus will be the following : -

General Physics and Properties of Matter. -

Uniform motion in a circle. The Hodograph.

Simple Hormonic Motion-Composition of Simple Hormonic Motions. Angular Velocity and angular accelerations.

Angular momentum. Moments of Inertia in simple cases.

Gravitation. The Compound Pendulum and accounts of experiments to find the mean density of the Earth. Elasticity. Hooke's Law. Compressibility of gases (at high and low pressure). Compressibility and Rigidity of Solids. The Elastic Limits. Strains due to simple longitudinal pull. Young's Modulus.

Bending in one plane of bars of simple and uniform cross-sectional area. Simple twisting of wires of circular cross sectional area by couple in plane at right angles to length. Torsional rigidity. Application to torsion balance.

Capillary phenomena and general theory of Surface Tension.

Diffusion of liquids and gases. Osmosis. Viscosity. The elements of Kinetic theory and its application to explain the simple gas laws. Vander Waal's equation. Modern methods of producing high vacua and of measuring pressure in them.

Heat.—The methods of calorimetry and thermometry Vapour pressures. Critical temperature. Conduction and diffusion of heat and the determination of constants. Radiation and Absorption. Laws of Cooling. Methods of measuring Radiation. Laws of thrmodynamics and their simple applications.

Light.—Velocity of Light. Photometry. Combination of two thin lenses. Achromatism in lens systems. The Telescope and the Microscope. Direct vision spectroscope. Rainbow.

The Wave theory. Simple Interference Phenomena. Huygen's Principle. Explanation of Reflection and Refraction of light. Action of mirrors, prisms, and lenses reviewed from this stand point.

Simple Diffraction Phenomena. Diffraction Gratings and determination of wave lengths. Spectrum analysis. Line and Band spectra. Elementary knowledge of Bohr's theory of Hydrogen Spectrum. Doppler's Principle. Double refraction and polarisation of light. Rotatory polarisation. Simple applications.

Magnetism. - Forces on a magnet in a magnetic field. Magnetic Moment and intensity of Magnetization. Magnetic potential. Determination of field strength.

Magnetic Shell. Magnetic induction in magnetic substances. Outline of the Theory of magnetism.

The magnetic field of the Earth. The magnetic elements and heir variations. The Compass and its corrections.

Electricity. —Electric Capacity. Dielectric constant. Distribution of electricity on surface of conductors. Line of force. Coulomb's Law. Electrometers and their use.

Wheatstone's bridge. Specific resistance. Resistance thermometers. Conductivity of electrolytes. Ionisational Migration of Ions. Accumulators. Standard cells. The potentiometer system of measurements. Thermoelectricity and Thermocouples. Peltier and Thomson's effects. Electromagnetic induction. Induction coils. Energy of circuit carrying current when placed in a magnetic field. Mechanical force on conductors carrying a current. Moving coil instruments. Ballistic galvanometers. Lenz's Law. Determination of Current. resistance E. M. F. and capacity in absolute measure.

General principles of the application of electricity to lighting. Power transmission. Telegraphy and Telephony.

Elementary theory of the Direct current dynamo and Motor.

The discharge of electricity through gases. X-Rays and radioactive phenomena.

Elementary theory of the thermionic value.

Sound.—The transmission of energy through material media by wave motion. Speed of propagation of waves of permanent type. Forced and free vibrations. Resonance. Nature of musical sound. Pitch scales. Quality. The vibration of strings and gas columns. Measurement of wave length velocity. and pitch.

Practical Course. —Candidates will be required to possess general acquaintance with the phenomena and to make Physical measurements dealing with these Phenomena.

PRACTICAL WORK FOR SUBSIDIARY PHYSICS.

Properties of Matter.

(1) Compound Pendulum.

(2) Young's Modulus by stretching of wire.

(3) Rigidity of a wire (Static method).

(4) Surface Tension of a liquid by rise in a capillary tube.

(5) Viscosity of a liquid by flow through a Capillary tube.

Heat.

(6) Coefficient of Expansion of a liquid by Weight Thermometer.

(7) Constant Volume and Constant Pressure Gas Thermometers.

(8) Melting point of a solid.

(9) Specific Heat of solids and liquids with Radiation Correction.

(10) Coefficient of Thermal Conductivity of : -

      (*a*) Good conductors (Searle's method)

      (*b*) Bad   ,.   (Lees' method)

(11) Mechanical Equivalent of Heat.

Sound.

(12) Determination of Frequencies of tuning forks with a Sonometer.

(13) Velocity of Sound by Kundt's tube.

Light.

(14) Refractive Index of a liquid and a solid by means of a Spectrometer.

(15) Focal lengths of lenses and mirrors using an Optical Bench.

(16) Wave length of a monochromatic light by Diffraction Grating.

(17) Photometry.

Magnetism.

(18) Determination of 'M' and 'H'

(19)   ,,   ,, of Dip.

Electricity.

(20) Measurement of Current by Tangent Galvanometer.
(21)   ,,   ,, Specific Resistances of wires :—
   (a) by Metre Bridge.
   (b) by Post Office Box.
(22) Measurement of Resistance of a cell by Mance's method
(23)   ,,   ,, of a Galvanometer by
                Thomson's method.
(24) Measurement of Internal Resistance of a cell by Poten-
                tiometer.
(25)   ,, Current by Potentiometer.
(26) Comparison of E. M. F.'s   ,,   ,,
(27) Measurement of Temperature Coefficient of Resistance
   of a coil.
(28) Determination of Electro-Chemical Equivalent of H and
                Copper.
(29)   ,, of the Mechanical Equivalent of heat by
                Joule's Calorimeter.
(30) Measurement of Temperature by Thermo Electric Couple.
(31)   ,, Dip by Earth Inductor.
(32) Comparison of Capacities by Ballistic Galvanometer
   (direct deflection method).

SYLLABUS IN CHEMISTRY MAIN.

Theoretical.

General and Physical.—Laws of chemical action, atomic and molecular theories, determination of atomic and molecular weights, general properties of gases, liquids and solids, kinetic theory. Vander Waal's Equation. The Phase Rule, Law of Mass action, Catalysis, thermochemical changes, properties of solutions, Osmotic Pressure, Electrolytic Dissociation. Avidity of acids and bases, relation of physical properties to constitution, crystalline structure, radio active property of matter, classification of elements.

Inorganic.—Systematic study of the following elements and their important compounds :—

Elements of the Zero Group, Lithium, Sodium, Potassium, Rubidium, Cæsium Copper, Silver, Gold, Glucinum Magnesium, Calcium, Strontium, Barium Zinc, Cadmium Mercury, Boron, Aluminium, Thallius, Carbon Silicon, Zirconium, Tin, Lead, Nitrogen, Phosphorus Arsenic, Antimony, Bismuth, Oxygen, Sulphur, Selenium, Tellurium, Chromium, Molybdenum, Tungstou Fluorine, Chlorine, Bromine, Iodine, Manganese, Iron, Cobalt, Nickel and Platinum. Important Radio-active elements.

Organic--Modes of occurrence preparation, characteristics and constitutional formulæ of the following : --

The Paraffins. Olefines, Acetytenes and their derivatives. *viz.* haloid derivatives, alcohols, ethers, aldehydes, ketones and acids. Amines, Amides, Di-carboxylic acids. Hydroxyacids, Glycol ; Glycerine. Compounds of the alcohol radicals with sulphur, nitrogen, phosphorus, arsenic and silicon, organic metalic bodies, carbohydrates. Glucosides, cyanogen, hydrocyanic acid, urea, and uric acid, Benzene, its homologues and their principal substitution derivatives Tannin Naphthalene, anthracene and their principal detivatives, pyridine, pyrrol, quinoline, and its common alkaloids.

Theory of Sterio-isomerism.

Practical.

Inorganic.- --

    (1) Analysis of mixtures of salts, containing not more than four radicals.

    (2) Gravimetric estimation of copper, iron, aluminium calcium, magnesium, sulphate, chloride, carbonate.

    (3) Volumetric analysis comprising (*a*) titration of acids, alkalies and alkaline carbonates. (*b*) Estimation of ironwith permanganate and bichromate (*c*) Use of standard Iodine solution, and (*d*) titrations involving precipitation.

    (4) Simple Inorganic preparations of occurrence.

The preparation of the following organic compounds : --

Chloroform. Ethylene, Ethylbromide, Ether, Iodoform, Ethyl. Acetate. Oxalic acid. Nitro-Benzene. Aniline. Acetanilide. Phenol. Methyl Orange. Benzoic acid. Sulphanilic acid.

SYLLABUS IN SUBSIDIARY CHEMISTRY.

General and Physical. -Atomic Theory, Valency, Properties of solutions, Osmotic Pressure and related phenomena, Electrolytic dissociation, The Phase Rule Thermochemical Changes ; Law of Mass action ; Catalysis ; Chemical Equilibrium ; Equilibrium in solutions of electrolytes ; Electromotive force of cells ; Radio active property of matter ; Classification of elements ; Relation of Physical properties to chemical constitution.

Inorganic. -Classification of the elements ; Systematic study of the following elements and their important compounds.

Hydrogen, Argon, Sodium, Potassium, Copper, Silver, Gold, Magnesium. Calcium, Strontium, Barium, Zinc, Mercury, Boron, Aluminium, Carbon, Silicon, Tin. Lead, Nitrogen, Phosphorus,

Arsenic, Antimony, Bismuth, Oxygen, Sulphur, Fluorine, Chlorine, Bromine, Idoine. Maganese, Iron, Platinum, Radium, Uranium. Thorium.

Organic.—The modes of occurrence, preparation, characteristics and constitutional formulæ of the following :—

The paraffins and their chief derivatives *viz.,* haloid derivatives, alchols, ether, aldehydes, ketones and acids. Amines, Amides, Oxalic, Succinic, Tartaric, Citric acid, Lactic acid, more ᐣ important carbohydrates, Ethylacetoacetate, Benzene, its homologues and its principal substitution derivatives Napthalene Anthracene, Pyridine, Quinoline and its common alkaloids.

Practical.—Qualitative analysis of inorganic substances, containing not more than two radicals.

Volumetric estimation of alkalies and acids, Estimation of Iron with permangenate. Use of standard iodine solution.

Gravimetric estimation of Copper, Calcium and Chlorine.

The preparation of the following compounds :—

1. Ether.
2. Oxalic acid.
3. Nitrobenzene.
4. Acetanilide.

SYLLABUS IN BOTANY—*(Taken as a main subject.)*

1. *External Morphology*—The detailed morphology of the root, shoot, and reproductive organs, (including fruits and seeds), floral mechanisms and seed dispersal.

2. *Histology.*—The structure of the cell, the cell-contents, their micro-chemical reactions, cell-division (karyokinetic and other methods of division). The origin and growth of tissues, and their distribution ; the secondary tissues of the flowering plants.

3. *Systematic.*—Principles of classification. The Morophology, physiology and life-histories of the following groups and types :—

Cryptogams.—Bacteria. Cyanophyceæ (Oscillaria, Nostoc), Diatomactæ, Conjugatæ, (Spirogyra, Desmids), Chlorophyceæ (Chlamydomonas) Volvox, Pleurococcus, (Ulothrix, Oedogonium, and Botrydium) Characeæ, (Chara or Nitella), Phæophyceæ (Fucus), Rhodophyceæ (Callithamnion), Phycomycetes, (Pythium, Mucor), Ascomycetes (Yeast, Peziza, Penicillium, Claviceps) Basidomycetes, (Ustilago, Puccinia, Agaricus), Lichens,

Hepataceæ (Marchantia, Pellia, or Anthoceros). Musci (Funaria), Filicinæ, (Ophioglossum). Adiantum or Pteris Marsilia), Equisetum, Lycopodiales (Selaginella and Lycopodium).

Phanerogams.- - Cycadaceæ (Cycas), Coniferæ (Pinus), Gramineæ, Araceæ, Palmæ, Liliaceæ, Amaryllidaceæ, Scitfaminaceæ, annoaceae Nymphæaceæ, Papaveraceæ, Cruciferæ, Capparidaceæ, Malvaceæ, Rutaceæ, Myrtaceæ, Lythraceæ, Passifloraceæ, Cucurbitaceæ, Umbelliferæ, Rubiaceæ, Apocynaceæ, Asclepiadaceæ, Convolvulaceæ, Solanaceæ,Scrophulariaceæ Bignoniaceae. Acanthaceæ, Verbenaceæ, Labiatæ, Nyctaginaceæ Utricaceæ and Euphorbiaceæ.

4. *Physiology.* -Turgidity, and Tension of tissues, Nutrition, the food of plants and its absorption. Osmosis, root-pressure, conduction of food, transpiration, photosynthesis ; digestion and transference of the food products of assimilation ; Storage of food, the nutrition of parasites, Saprophytes and insectivorous plants, Respiration, Enzymes and the digestion of reserve food ; Growth, the effect of external influences on growth, Movements, protoplasmic movements, imbibition movements. Heliotropism, Geotropism, Chæmotropism, Contact stimuli and their effects, movements of irritability

5. *Ecology.* -The reaction of plants to their environments as illustrated by aquatic plants, hygrophytes, mesophytes, and Xerophytes.

6. *Evolution.* -Variation, Heredity and Evolution.

Practical.

The practical examination shall include :-

(*a*) Examination and description of 'plants or parts of plants.

(*b*) Examination and description of microscopic specimens.

(*c*) Identification of specimens.

(*d*) The making of sections of plant parts for microspic examination.

(*e*) A knowledge of micro-technique including fixing, staining, and section-cutting.

(*f*) A practical knowledge of simple physiological experiments.

(*g*) At least ten permanent mounts must be prepared.

The students are expected to keep a complete record of laboratory work in a special note-book. Every journal is to be signed periodically by a member of the staff.

SYLLABUS IN BOTANY—*Taken as a Subsidiary Subject.*

1. *External Morphology.*—The detailed morphology of the root, shoot, and reproductive organs, (including fruits and seeds) Floral mechanism and seed dispersal.

2. *Histology.*—The structure of the cell, the cell-contents and their micro-chemical reactions, cell-division (Karyokinetic and other methods of division). The origin and grow h of tissues and their distribution, the secondary tissues of the flowering plants.

3. *Systematic.*—Principles of classification. The morphology physiology and life-histories of the following groups and types :—

Cryptogams.—Bacteria. Cyanophyceæ (Nostoc), Conjugatæ (Spyrogyra), Chlorophyceæ (Chlamydomonous, Volvox) and Oedogonium), Phæophyceæ (Fucus), Phycomycetes (Mucor), Ascomycetes (Yeast, and Claviceps), Basidiomycetes Puccinia and Agaricu), Hepaticeæ (Marchantia), Muscie (funaria), Filicinæ (Pteris and Marsilia, Equisetum. Lycopodialeæ Selaginella).

Phanerogams.—Cycadaceæ (Cycas), Coniferæ (Pinus). Graminceæ, Palmæ Liliaceæ, Anonaceæ, Papaveraceæ Cruciferæ, Malvaceæ, Anacardiaceæ, Leguminoceæ, Myrtaceæ, Passifloraceæ, Cucurbitaceæ, Compositæ, Apocynaceæ, Asclepiadaceæ, Solanaceæ, Labiatæ, Urticaceæ, and Euphorbiaceæ.

4. *Physiology.*—Turgidity and Tension of tissues. Nutrition the food of plants and its absorption. Osmosis, root-pressure, conduction of food, transpiration, photosynthesis ; digestion and transference of the food, products of Assimilation. Storage of food, the Nutrition of parasites, Saprophytes and insectivorous plants. Respiration, reserve food ; Growth, Movements, Protoplasmic movements. Imbibition movements, Heliotropism. Geotropism, Chæmotropism. Contant Stimuli and their effects, movements of irritability.

5. *Ecology.*—The reaction of plants to their environments as illustrated by aquatic plants, hygrophytes, mesophytes, and Xerophytes.

6. *Evolution.*—Variation. Heredity and evolution.

N. B.—Physiology and Ecology to be treated in an elementary manner.

Practical.

The Practical examination shall include :—

(a) Examination and description of plants or parts of plants.

(b) Examination and description of microscopic slides.

(c) Identification of specimens.

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(d) A knowledge of section cutting and micro-technique including fixing and staining.

(e) A practical knowledge of simple Physiological experiments.

Candidates should keep a complete record of laboratory work in a special note-book.

Syllabus in Zoology taken as Principal Subject.

Cytology.—The structure and phenomenon of the Animal cell.

Reproduction. Sexual and Asexual, and Parthenogenesis. Alternation of Generations and Metamorphosis.

Histology.—The general classification and characteristics of the common animal tissues as illustrated by the frog and rabbit.

Embryology.—Development of frog, chick, and rabbit. The following larvæ should be studied :- -

Planula, Cercaria, Trochophore Nauplius. Bipinnaria,

Tornaria, Auricularia and Zoaæ.

General Principles of Biology.—Evolution. heredity, and variation, dealing with various theories. Elementary principles of Geological and Geographical distribution of Animals. General principles of classification.

Physiology.—The physiology of various organs of the animal body as illustrated by the frog and rabbit.

Systematic Zoology.—The structures, habit and development of the following groups including study of the types given in each :—

Protozoa.—Amœba, Pramæcium. Vorticella, Malarial parasite, Monocystis, Euglena, Opalina, and Trypansomes.

Porifera.—Sycon.

Coelenterata.—Hydra, Obelia and Aurelia.

Platyhelminthes.—Planaria. Liver-fluke, Tæniasolium.

Nemathelminthes. -Ascaris and Echinorhynchus.

Annelida.—Nereis, Pheretima and Hirudo.

Arthropoda.—Apus, Prawn Cyeolps Daphnia. Branchipus. Peripatus, Scolopendra, Periplaneta. Musca. Mosquito, Wasps, Formica, Scorpion, and Limulus.

Mollusca.—Anodonta, Chiton, Ampullaria, Sepia. Patella.
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The following types of chordata to be studied in detail as regards their structure, development, and principal characteristics:

Urochordata.—Ciona or any other Ascidian.

Hemichordata. —Balanoglossus.

Cephalochordata.—Amphioxus.

Cyclostomata.—Petromyzon.

Pisces.—Carcharias or scoliodou.

Amphibia.—Rana tigrina.

Reptilia.—Lizard. (Calotes or any other available type).

Aves.—Columba.

Mammalia.—General characters of the class Prototheria and Metatheria as illustrated by Echidna and Kangaroo. Rabbit. Skull of Canis.

Practical.

Candidates will be required to show a knowledge of the methods of microscopic technique and to examine, dissect or describe the various animals prescribed in the course.

Syllabus in Zoology taken as a Subsidiary Subject.

The structure and phenomenon of the animal cell, Reproduction, Sexual, and Asexual, and Parthenogenesis. Alternation of Generations.

The structure habits and development of the following groups including detailed study of the types given in each :—

Protozoa.—Amoeba, Euglena. Paramæcium, Monocystis Malarial parasite, and Vorticella.

Porifera.—Sycon.

Coelenterata.—Hydra and Obelia.

Platyhelminthes.—Liver-fluke, and Tape-worm.

Nemathelminthes.—Ascaris.

Echinodermata.—Star fish.

Annelida.—Nereis, Earthworm, and Leech.

Arthropoda.—Prawn, Cyclops, Daphnia (General characters) cockroach, Anopheles, Musca, and Scorpion

Mollusca.—Fresh water Mussel.

Urochordata.—Ciona or any other Ascidian.

Hemichordata.—Balanoglossus.

Cephalochordata.—Amphioxus.

Cyclostomata.—General characters.

Pisces.—Dogfish. (carcharias or Scoliodon).

Amphibia.—Rana tigrina.

Reptilia.—General characters and elementary knowledge of the identification of poisonous snakes.

Aves.—Columba.

Mammalia.—General characters of Prototheria and Metatheria as illustrated by Echidna and Kangaroo. Skull of Canis and general characters of the Class Mammalia.
Evolution, Heredity, and Variation.

General principles of Classification. Outlines of the development of Amphioxus, Frog, Chick, and Rabbit.

The general classification and characteristics of the common forms of Animal tissues.

The elementary knowledge of the physiology of various organs of the animal body as illustrated by Frog and Rabbit.

Practical.

Candidates will be required to show a knowledge of the methods of microscopic technique, and to examine, dissect, or describe the following :—

Amoeba, Euglena, Paramaecium Vorticella, Sycon, Hydra, Obelia, Pheretima, Nereis, Leech, Prawn, Cockroach, Scorpion, Unio, Dogfish, Frog, Pigeon, and Rabbit.

Osteology of the Frog, Fowl and Rabbit. Skull of Canis.

M. Sc. EXAMINATION.

Detailed Syllabus.

CHEMISTRY.

(Previous) *Examination*—INORGANIC CHEMISTRY.

Theory.

Study of the following elements and their important compounds. The group, Ra, Sc, Y, Ce, Ga, In, Ti, Zr, Th, V, No, W, U, Pd, Ir.

Metallurgy of Cu, Ag, Au, Fe, Zn, Pb.
Manufacture of H_2SO_4, bleaching powder, Na_2CO_2, NaOH

Paints and pigments. Porcelain, glass cement, fuel gases. Study of the Theory of valency, Allotropy, Golloids, elementary ideas on intermetallic compounds, isotropism.

Practical.

Qualitative analysis of mixtures containing not more than six radicals (including silicate and thiosulphate).

Iodometric estimation of Cu, MNO_2, H_3ASO_3.
Gravimetric determination of Mn, PO_4, Ni, Cr, NO_3 (by Lunge's Nitrometer), NH_3.

Qualitative and quantitative analysis of simple minerals such as dolomite, magnesite, calcspar and pyrites. Analysis of silver and nickel coins and brass (also electrometrically). Simple gas analysis.

Preparation of $(NH_4)_2S_2O_8$, Cro_3, H_3PO_4.

Organic Chemistry.

Theory—General.

1. Definition of alkaloids.

2. General properties.

3. History.

4. Sources.

5. Chief reagents for alkaloids.

6. History of the structure of alkaloids.

7. Orientation of the MONO. Bi. and tri pyridine carboxyl acids.

Pyridine group	Quinoline group	Isoquinoline group
1. Coniine	..1. Sinchonine	..1. Papaverine.
	2. Quinoline	..2. Narcotine.
		3. Berberine.

Pyrrolidine group	Purine group	Phenanthrene group
1. Nicotine	1. Theophylline	1. Morphine.
2. Atropine	2. Caffeine	2. Codeine.
3. Ecgonine	3. Theobromine	3. Thebaine.
4. Cocaine	4. Purine	4. Glaucine.
5. Piperine.		
6. Trigoneuine.		

Practical.

Detection of elements, Carbon. Hydrogen, Nitrogen, Sulphur, Halogens, and Phosphorous.

Detection of groups $CH_2OH - CHOH, - COH,, - CO, - C.HO - COOH = NH_2. - NH, = N. - OCH_3, - NO_2$, OH (phenolic).

Detection of unknown : --Simple and mixtures.

Quantitative estimation of :--OH. group.

Preparation of about 10 organic compounds.

Determination of molecular weight of an organic acid by means of its silver salts. Gas analysis of mixtures of Co, CO_2, CH_4, C_2H_4, etc. Quantitative estimation of Carbon, Hydrogen, Nitrogen, Sulphur and Halogens.

Physical Chemistry.

Theoretical.

Atomic structure, Valency ; Relation between physical pro

perties and chemical constitution ; Gaseous, liquid and crystalline
state ; Thermo-chemistry ; Free energy of chemical reactions ;
chemical equilibrium ; velocity of chemical reactions ; theories of
chemical change ; catalysis in homogeneous and heterogeneous
systems ; behaviour of weak and strong electrolytes ; electrode
potentials ; electromotive force of galvanic cells ; Hydrogen in
concentration ; photo-chemical reactions.

Practical.

The following measurements and determinations :–

1. Density of liquids.

2. Vapour density.

3. Molecular weight by the boiling point method.

4. Molecular weight by the freezing point method.

5. Solubility of liquids in liquids.

6. Solubility of solids in liquids.

7. Viscosity.

8. Surface tension.

9. Specific and molecular rotation.

10. Spectroscopic analysis.

11. Concentration by means of refractometer

12. Heat of neutralisation.

13. Distribution co-efficient of a solid in two liquid phases.

14. Velocity co-efficient and order of a chemical reaction.

15. Degree of dissociation from molecular conductivity.

16. Solubility of sparingly soluble salts by conductivity
method.

17. Measurement of electromotive force.

18. Solubility by means of E.M.F. measurement.

19. Hydrogen in concentration.

20. Comparison of radio-active properties of different sub-
stances.

(*Final*) *Examination.*

IN-ORGANIC CHEMISTRY.

Paper I.

Per-acids and their salts, complexions, radioactive substances metals of the rare earths, history of Chemistry from the middle of the 19th century.

Paper II.

Intermetallic compounds, electric furnaces and electrolytic products, by-products of industries, permutites, hafnium, fixation of nitrogen and transmutation of elements.

PHYSICAL CHEMISTRY.

Paper I.

Photo-chemistry including photosynthesis.

Paper II.

Molecular structure, chemical equilibrium, chemical kinetics absorption.

PHYSICS.

In addition to what is included in the B.Sc. Course a detailed study of the following :

(*A*) *Previous Examination.*

Paper I.—General Physics and Sound.

Gravitation : Elasticity ; Theory of Surface Tension Phenomena : Viscosity of Liquids, Gases and Vapours ; Compressibility of liquids ; Kinetic Theory of gases and its application ; Vibration of Strings, membranes, plates and bars ; Forced Vibrations ; Combinational Tones ; Resonance ; Reflection and Refraction of Sound Waves ; Supersonic Waves.

Paper II.—Optics (Geometrical and Physical).

Mirrors, System of lenses ; Chromatic and Spherical aberrations ; Interference ; Diffraction ; Dispersion ; Double refraction of Crystals ; Polarisation ; Elements of Spectroscopy ; Spectrographs ; Line Spectra ; Series Spectra ; Band Spectra ; Bohr's Theory of Spectra ; Elementary knowledge of Electro and Magneto-optics.

Paper III.—Heat (including Thermodynamics).

Thermometry ; Measurement of High and Low Temperatures Equations of State ; Specific Heats at high and low Temperatures ; Vapour pressure of Metals ; Conductivity ; Laws of Radiation ; Radiation Pressure ; Thermodynamical Formulae and applications ; Entropy ; Nernst Heat Theorem.

Paper IV.—Practical work in Properties of Matter, Heat and Sound.

1. Young's Modulus by Koenig's Method.
2. Do of a Spiral Spring by Wilberforce inertia Bar
3. Do of a glass plate by interference Method.
4. Determination of Poisson's Ratio.
5. Modulus of Rigidity of a spiral Spring by Wilberforce inertia Bar.
6. Torsional Hysteresis for a wire.
7. Temperature coefficient of Rigidity and Young's Modulus.
8. Surface Tension of liquids by Jager's Method.
9. Do by Ferguson's Method.
10. Surface Tension Balance for liquids at different concentrations and temperatures.
11. Viscosity of liquids at different temperatures by flow through a capillary tube (with kinetic energy correction).
12. Viscosity of liquids by rotating cylinder Method. (Willow's appr.).
13. Viscosity of liquids by oscillating disc. (Meyer's Method).

14.   Viscosity of Liquids by Stoke's Law.

15.   Viscosity of a gas by Rankine's Method.

16.   Do   by Anderson's Method.

17.   Variation of Viscosities of air with temperature and determination of Sutherland's constant.

18.   Specific Heat of a substance by Joly's Steam Calorimeter.

19.   Do   of liquids by Callendar and Barne's flow Method.

20.   Determination of Specific Heat by Bunsen's Ice Calorimeter.

21.   Latent Heat of vaporisation by Berthelot's Apparatus.

22.   Heat of solution of salts.

23.   Use of Beckmann's thermometer in determining the Rise of Boiling point and the depression of the freezing point of a solvent.

24.   Vapour Density by Hofmann's Method.

25.   Do   by Dumas Bulb. (with correction.).

26.   Vapour Tension of water at various Temperatures.

27.   Thermal Conductivity of a metal bar (Angstrom's Method).

28.   Do   of a bad Conductor in the form of a powder.

29.   Total Emissivity of the surface of a wire at various temperatures.

30.   Use of Platinum Thermometer.

31.   Use of a thermo-couple as a thermometer.

32.   Velocity of sound in different gases and deducing the value of Y.

33.   Finding the value of the coefficient of expansion of a gas by determining velocities of sound at two different temperatures (by Kundt's tube).

34.   Frequency of a tuning fork by Stroboscopic Method.

Paper V.—Practical work in Optics.

1.   Determination of the Focal Length and the positions of the Principal Planes of a thick lens and optical system by various Methods.

2. Investigation of the Spherical Aberration of a thick lens.

3. Determination of the Refractive Index of a liquid by total reflection using a prism.

4. Determination of the thickness of a thin glass plate by interference method.

5. Measurement of the Wavelength of light by Fresnel's Biprism, using :—

        (*a*) Optical Bench.

        (*b*) Spectrometer.

and determination of " μ " of the material of the Biprism.

6. Determination of the Wavelength of light by Fresnel's Double Mirror.

7. Determination of the Wavelength of light by Billet's Split lens.

8. Measurement of Wavelength by Diffraction. (various methods).

9. Measurement of Wavelength by Diffraction Grating usings oblique incidence.

10. Measurement of the Resolving Power of :—

        (*a*) a prism spectroscope.

        (*b*) a Diffraction Grating.

11. Calibration of a spectroscope.

        (*a*) by using lines of known Wavelengths.

        (*b*) by Interference fringes.

12. Polarisation by Reflection (verification of Brewster's law).

13. Measurement of Specific Rotatory Power of a substance

Additional Experiments.

14. Determination of the Refractive Index for liquids and gases by means of Rayleigh's Interferometer.

15. Comparison of Refractive Indices of gases by Jamin's Interferometer.

16. Determination of Refractive Index of substances by Pulfrich Refractometer.

17. Determination of the difference of wavelengths for the Sodium D lines by means of Michelson's Interferometer.

18. Measurement of e/m for an Electron by observing Zeeman Effect for yellow Helium light, using :

(a) Lummer Gehreke plate.	} mounted on Cons-
(b) Fabry Perot Etalon.	} tant Deviation
(c) Michelson Echelon Grating	} Spectroscope.

(B) FINAL EXAMINATION.

Paper I. –Classical Electricity and Magnetism.

Determination of Dielectric Constants for solids, liquids and gases ; Electrical Images ; Electric Fields : Pyro and Piezo electricity ; Ferro, Para, Dia-Magnetisms ; Various methods of determining Susceptibility and Permeability of solids, liquids and gases, Theory of Magnetism ; Theory of Electrical instruments ; Theory and Measurement of Inductance and Capacity ; Theory of Alternating Currents ; Electromagnetic Waves ; Their generation and application.

Paper II.—Modern Electricity.

Conduction of Electricity through gases ; Ionisation currents; Ionisation by Collision ; Mobility of Ions ; Diffusion of Ions ; Variation of the mass of electron with velocity ; Determination of e/m and e ; Positive ray analysis and Mass Spectrograph ; Thermionic Currents ; Photo-Electricity ; X-Rays ; Radioactivity: Atomic. Structure.

Paper III.--Special subject as detailed above.

Students are expected to possess a detailed knowledge of the subjects chosen by them.

Paper IV.--Practical Work in Magnetism and Electricity.

1. Plotting B—H Curve and measurement of Permeability

   (a) Magnetometer Method.

   (b) Ballistic Method.

2. Measurement of Susceptibility of para and dia-magnetic substances.

3. Adjustment and use of various types of Galvanometers.

4. Calibration of Meter Bridge wire by two Methods.

5. Variation of the resistance of a wire with temperature.

6. Measurement of low resistances.

   (..) Direct Deflection Method.

   (b) Mathiessen and Hockin's Method (Potentiometer Method).

   (c) Kelvin's Double Bridge.

7. Measurement of high resistances.

   (a) Direct Deflection Method.

   (b) Leakage Method.

8. Calibration of Callendar and Griffith's Bridge and use of Platinum Resistance Thermometer.

9. Electrolytic resistances.

   (a) Direct Current Method.

   (b) Kohlrausch Bridge.

10. Determination of the thermo-electromotive force.

11. Measurement and comparison of Self Inductances
                                        (various methods.)

12. Do   do   Mutual Inductances
                                        (various methods.)

13. Do   do   Capacities (various methods.)

14. Use of Gassorts Flux-meter.

15. Adjustment and use of Quadrant Electrometer(Comparison of E. M. F. and other expts.)

16. Measurement of small capacity in E.M. and E.S. Units and deducing V.

17. Determination of the velocity of Electric Waves (Leacher's).

18. Determination of e/m (Thomson's Method).

19. α and β-rays Electroscopes.

20. Characteristic Curves of the three-electrode valve.

21. Determination of electronic charge by Millikan's Method.

22. Determination of Saturation Voltage across an ionised chamber.

FACULTY OF MEDICINE

M.B. B.S. Examinations

ANATOMY.

A. Lectures and Demonstrations.

Osteology.—General description of bones and their structure. Demonstration and description of all the bones of the human body (with reference also to their centres of ossification).

Myology. —General description of fasciae and different kinds of muscles—their structure —demonstration and description of all the fasciae and muscles (treated regionally) as regards the origin, insertion, action, relation, innervation and blood supply of each muscle.

Syndesmology.—General description of joints —their classification and various movements permitted in different types of articulations. Description of each joint (in detail) as regards its formation, movements and blood supply (with demonstrations on a dissected part).

Angiology. —Outline of circulation of blood -description and structure of heart—Cardiac cycle fœtal circulation.

Blood vessels. —General description and structure of different kinds of blood vessels.

Arteries. -Each artery described as to its course, relationship and branches.

Veins. —Each vein described as to its course, relationship and tributaries.

Lymphatic system. —Structure of lymph glands and lymphatic vessles—with their description according to different regions of the body.

Neurology.—General description of the nervous system (Cerebro-spinal and sympathetic)—Structure of nerves and ganglia—Description (in detail) and demonstration from specimens and section of different parts- Medulla Spinalis—Various parts of the Encephalon—The Meninges, the cranial and spinal nerves · · Different portions and plexuses of the sympathetic system.

Organs of taste, smell, sight, hearing, and peripheral termination of nerves of general sensation. Skin and its appendages.

SPLANCHNOLOGY.—Demonstrations and full descriptions of : Organs of Respiration and Digestion—Peritoneum. Uro-Genital apparatus (male and female) Ductless glands.

EMBRYOLOGY.—Germ cells, their origin and structure ; maturation and fertilization ; segmentation, germinal layers ; early stages in the development of the embryo ; Fœtal membranes and placenta : Development of organs.

B.   Dissection of the Whole Human Body by every student.

PHYSIOLOGY.

Lectures.

1.   *Histology.*—The animal cell and its division.   The varieties and structure of epithelia and connective tissues including cartilage, bone and teeth with their development.

The varieties and structure and functions of voluntary, and involuntary muscles and nerves with their development.   Irritability and contractibility of the tissues.   Changes during the contraction of muscle in form, extensibility and elasticity, temperature and electrical condition, also chemical changes.

2.   *The Circulatory System.*—The structure of the heart. arteries, capillaries and veins and lymphatic vessels.   Physiology of the heart. circulation of blood in the fœtus and the adult. Blood pressure, velocity of blood arterial and venous pulse, flow of blood in arteries, capillaries and veins, and lymph flow.   Innervation of the heart and blood vessels.

3.   *Blood.*—Composition,quantity, and coagulation of blood, chemistry of blood corpuscles.   Compounds and derivatives of hæmoglobin.   Enumeration of blood corpuscles.   Estimation of hæmoglobin.   Tests for blood.

4.   *Lymph and Lymphatic glands.*—

5.   *Ductless glands.*—Their structure and functions and internal secretion.

6.   *Respiratory System.*—Organs and mechanism of respiration ; gases of blood, cause and regulation of respiration.   Special respiratory acts and artificial respiration.   Effects of respiration on circulation.   Relation of respiration to nutrition.   Oxygen want.   Respiration at high pressure.   Abnormal respiration and asphyxia.

7.   *Digestion.*—Structure of secreting glands connected with digestion including liver and pancreas.   Composition and actions of their secretions on various food-stuffs.   Mechanical processes of digestion and absorption of food.

8. *Urinary System.*—The structure and functions of the apparatus, composition of urine, formation of urea, uric acid, ammonia, creatin and creatinin and hippuric acid. Inorganic urinary constituents and deposits. Tests for abnormal constituents of urine.

9. *Skin and its Appendages.*—Structure, and functions of the skin and its appendages. Composition and secretion of sweat. Regulation of heat.

10. *Chemical Composition of the body.*—Chemical physiology of the carbo-hydrates, protein and fats. Enzymes and their actions. Metabolism of carbohydrates, fats and proteins, and conservation of energy.

11. *Nerve, Nerve Centres, Nerve Cells.*—Their structure and functions. Degeneration and regeneration of nerves. Velocity, direction, and nature of the nerve impulse chemistry of nervous tissue, changes in the electrical condition and excitability of nerves. Autonomic nervous system.

12. *Central Nervous System.*—Structure and functions of white and grey matters of the spinal cord. Results of section of spinal cord. Reciprocal action of antagonistic muscles. Principle of the common path Structure of bulb, pons and midbrain. Origin and functions of cerebral nerves.

Structure and functions of cerebellum.

Structure of the cerebrum. Localization of cerebral functions Motor and Sensory areas. Association fibres and centres.

13. *Structure and functions of :-*

(*a*) the organs of taste and smell.

(*b*) Anatomy of the ear and physiology of hearing.

(*c*) Structure and function of the eye.

Accommodation and defects in the optical apparatus.

Visual sensations and theories of vision.

14. *Cutaneous sensations and their varieties.* Motorial and visceral sensation.

15. Anatomy of the Larynx. Production of voice and speech.

16. Reproduction, development and growth of the body.

PHYSIOLOGY.

Practical Course.

EXPERIMENTAL PHYSIOLOGY.

(*a*) *Circulation.*—Dissection of frog's heart, graphic record of its action. Dissection of the sino-atrial junction. Dissection of the vagus.

Dissection of the cardio-sympathetic. Stimulation of the sino-atrial junction, of the vagus, of the cardio-sympathetic. Apex preparation of the heart. Actions of muscarin and atropine-heat, cold, and electrical current on heart. Stannius experiment.

(*b*) *Muscle.*—Voluntary and involuntary stimulation of muscle—mechanical, chemical and electrical. Muscle-nerve preparation.

Result of single stimulus. Influence or stimulus strength load on fatigue, temperature and drugs. Successive stimulii on muscle. Tetanic contraction. Elasticity and extensibility. Electrotonus. Rheoscopic frog. Marey's tambour. Myograph, cardiograph, Mammalian heart and its nutrition.

(*c*) *Blood.*—sphygmograph, sphygmometer. Respiration and artificial respiration. Pneumograph. Polarimeter. Stromuhr. Kymograph.

(*d*) *Nervous system.*—Extirpation of cerebellum in pigeon.

Extirpation of cerebrum in pigeon.

Reflex actions, Nerve and its microscopical examination Eye accommodation. Phakoscope. Retinal shadows.

Laryngoscope, opthalmoscope, retinoscope, perimeter, cold heat, pressure and pain spots.

CHEMICAL PHYSIOLOGY.

(*a*) Chemical compositions of and tests for proteins, carbohydrates and fats and principal food-stuffs. Emulsification of fats.

(*b*) *Digestion :*—Actions of saliva and gastric juice, and tests for hydrochloric and lactic acids.

Actions of pancreatic juice, bile, and succus entericus. Tests for glycogen.

Examination of urine—tests for albumen, sugar, bile, blood and deposits ; quantitative estimation of albumen, sugar, urea, uric acid and chlorides of urine.

HISTOLOGY.

Microscopical preparations (hardening, embedding, section-cutting, staining and mounting) of tissues ; examination of hystological slides of different tissues.

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MATERIA MEDICA

In the course of systematic lectures, the natural history chemical and physical properties of all the official drugs and the most important non-official medicinal agents with full accounts of their pharmacological action and their Therapeutic uses on the gastro intesterial tract, respiration, circulation, secretion, excretion, sensory, motor and reflex mechanism, heat regulation and absorption will be dealt with and also the method of preparation, doses, composition, sources, with physical, chemical and physiological incompatibilities of the British Pharmacopæeal drugs will be lectured upon.

Definitions of all the technical terms commonly employed in Pharmacology and Therapeutics.

Pharmacology ⌈ of various drugs in the British Pharma-
   and   ⎨ copœia acting on different systems.
Therapeutics ⌊

(*a*) Prescribing (*b*) Latin phrases used in prescriptions.

(*c*) Action of drugs :-

(1) The primary action (2) The secondary action. (3) The direct or local action. (4) The indirect or remote action. (5) The relation between chemical constitution and physiological action. (6) The relation between physical condition and physiological action.

INORGANIC MATERIA MEDICA.

Group	I.	Oxygen and Peroxide of Hydrogen.
„	II.	The alkaline metals :- Potassium, Sodium, Ammonium and Lithium
„	III.	The alkaline earths :-- Calcium, Barium, Strontium and Magnesium.
„	IV.	Lead, Silver, Zinc, Copper, Bismuth, Aluminium.
„	V.	Mercury.
„	VI.	Iron and Manganese.
„	VII.	(*a*) Arsenic. Organic Arsenic compounds. 1. Aliphatic or fatty series, and 2. Benzol ring compounds or aromatic (Benzol) Series. (*b*) Antimony Chromium, Uranium and Phosphorus.
„	VIII.	Drugs used to kill parasites.
„	IX.	Chlorine, Iodine, Bromine and (Idoform Halogens).
„	X.	Hypnotics.
„	XI.	Acids.
„	XII.	Carbon and its compounds.
„	XIII.	Gluside, Paraffin, Benzene, Carbon disulphide.
„	XIV.	Water.

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Organic Vegetable Materia Medica.

Group.	I.	Drugs acting on the nervous system.
,,	II.	,, ,, Cardio-Vascular System.
.,	III.	,, ,, Respiratory Organs.
.,	IV.	,, which are antiperiodic, antipyretic, and antiseptic.
,,	V.	Purgatives.
.,	VI.	Volatile Oils, and Solid Volatile Oils (Stearoptenes).
,.	VII.	Vegetable Bitters.
,.	VIII.	Vegetable Astringents.
.,	IX.	Demulcents.
,.	X.	Anthelmintics and Parasiticides.
.,	XI.	Diuretics.
,,	XII.	Drugs acting on the uterus.
,,	XIII.	Drugs used for gout.
,,	XIV.	Bodies related to volatile oils.
,,	XV.	Drugs containing important acids.
,,	XVI.	Colouring agents.
.,	XVII.	Drugs whose action is mechanical.
,,	XVIII.	Drugs whose action is not known.

Organic Animal Materia Medica.

Substances derived from the Animal Kingdom including the following Sera and vaccines.

    I. Antidiphtheritic Serum.
   II. Antitetanic Serum.
  III. Antipneumococcic Serum.
  IV. Antiplague Serum and Vaccine.
   V. Antistreptococcic Serum and Vaccine.
  VI. Tubercular Serum and Vaccine.
 VII. Cholera Serum and Vaccine.
VIII. Typhoid ,,
  IX. Hydrophobia Vaccine.
   X. Antigonococcic Serum.
  XI. Shigas' Antidysenteric Serum.
 XII. Pollantin.
XIII. Coley's fluid of Sarcoma.
XIV. Wright's Staphylococcic Vaccine.
 XV. Sclavo's Serum for Anthrax.

Organo-Therapy.

The Thyroid gland.
The milk of Thyroidectomised goats.
The serum of ,, sheep.

Thymus Extract.
Acid Extract of Duodenal Mucous Membrane.
The Kidney.
The Liver.
The Spleen.
The Sex Glands.
Bone Marrow.

PHARMACY AND DISPENSING.

    I.   General directions.
   II.   Weighing and Measuring.
  III.   Decoctions.
   IV.   Infusions.
    V.   Emulsions and Mixtures.
   VI.   ,,   of special drugs.
  VII.   Pills.
 VIII.   ,, of special drugs.
   IX.   Excipients.
    X.   Powders.
   XI.   Blisters and Plasters.
  XII.   Suppositories, Pessaries and Bougies.
 XIII.   Tinctures.
  XIV   Lozenges.
   XV.   Ointments.

PATHOLOGY.

1. General Pathology

The Cell in health and disease. General retrogressive processes. Inflammation and Repair. Diseases of Metabolism, e.g., Gout, Diabetes, Intoxications and Autointoxications. Disturbances of circulation : Dropsy, Thrombosis, Embolism and Infarcations, Tumours, Infective Granulomata. Animal parasites. Infection and Immunity. Internal secretions. Fever and infective diseases.

2. Systematic Pathology

Diseases of:--The circulatory system. 2. The blood and blood-forming organs. 3. The lymphatic system. 4. The spleen. 5. The respiratory system. 6. The digestive system. 7. The ductless glands. 8. The genito-urinary system. 9. The generative system. 10. The nervous system. 11. Cartilage, bone and joints. 12. The voluntary muscles. 13. The tendon sheaths and bursae. 14. Diseases of the skin.

3. *Tropical Pathology—*

Malaria. Relapsing fever. Kala azar and Leishmaniasis. Tropical splenomegaly. Trypanosomiasis. Dengue fever. Malta fever Yellow fever. Plague. Filariasis. Leprosy. Yaws Beri. Beri Sprue. Cholera. Dysenteries. Amæbic abscess and Mycetoma. Schistosomiasis. Bilharzia Hæmatobium. Schistosomium japanicum.

Tape-Worms.—Tœnia solium, Tœnia mediocanellata, Tœnia echino-coccus, Bothriocephalus latus.

Thread-Worms—Ascaris lumbricoides, Oxyuris vermicularis, Trichocephalus dispar, Ankylostoma duodenala, Trichina spiralis, Filaria snaguinis hominis. Dracunculus medinensis.

Fluke-Worms.

BACTERIOLOGY.

1. *Introduction : General Bacteriological Methods :—*

Apparatus. Microscope. Micrometer. Dark-ground illumination. Sterilisation and disinfection. Cultivation of bacteria. Anærobic cultivation ; various methods.

2. *General Characters of Micro-organisms.*

Classification and Morphology.
Biology of Bacteria. Multiplication : Sporulation. Motility. Aerobiosis. Anærobiosis. Saprophytes and Parasites. Fermentation. Putrefaction. Bacterial products and Pathogenesis.

3. *Study of Specific Infective Bacteria.*

Pyogenic bacteria. Staphylococci. Streptococci. Pneumococcus. Meningococcus. Gonococcus. Allied pyogenic organisms. Bacilli of Colon-Typhoid and Dysentery Group. Agglutination reactions. Cholera and allied vibrio. Anthrax and B. Subtilis. Diphtheria. Preparation of anti-toxin. Diphtheroid organisms. Bacilli of Hæmorrhagic-septicæmia. B. pestis. Rats and rat fleas. Anti-plague vaccine.

Influenza. Whooping Cough. Malta fever.

Anærobic bacteria. Tetanus. Antitetanic serum. Allied organisms.

Acid-fast bacilli. Streptothrices. B. Tuberculosis.
B. lepra and B. Mallei Actinomyces.
Blastomycetes and Hypomycetes. Spirillar disease.

Protozoa—Amœba coli, Entamœba histolytica. Trypanosoma. Malarial parasites, Terponema pallidum and Leishman's bodies.

(Filterable viruses. Measles. Scarlatina. Hydro-phobia-Rabies and Anti-rabic inoculation. Small-pox and vaccinia.)

4. *Immunity.*—

Infective process, Natural immunity. Artifical immunity, Vaccines. Theories of immunity. Anti-toxins. Antisera and Wasseremann reaction and its modification Bactriolysins, Agglutinins, Precipitins and Hæmolysins.

5. *Micro-organisms* in Air, Dust. Soil. Sewage-water and Food.

6. *Disinfectants.*—

7. *Practical Course.* —

Technique of collection and examination of morbid materials such as—blood, gastric and intestinal contents, urine, pus, sputum and exudates. Examination of Tumours.

HYGIENE.

1. *Water.*—Sources -Collections. Distribution and storage, -Chemical composition—Properties and impurities and their effects on health- Purification without filtration and with filtration—Filter beds and domestic filters Collection of samples for analysis—Chemical, Microscopical and bacteriological examination. Physical.

2. *Air.*—Composition and physical properties of air -- Impurities, their sources, and effects on the general health—Examination--Kata thermometer.

3. *Ventilation.*—Amount of air required- Theory and Practice of Ventilation- Purification of air Examination of Ventilation—Heating and cooling of dwellings.

4. *Occupational Disease and Offensive Trades.*—Lead, Mercury, Phosphorous, Arsenic, etc. Offensive trades and their effects on health--Nature and regulation of such trades -- Slaughter-houses.

5. *Soils.* -Soil water-Origin and varieties of soil -Features influencing climate and health—Diseases arising from soil.

6. *Sites and Buildings :* -Selection of sites for building- lodging house—huts. Principles and rules regulating the sanitary construction—cowsheds and stables.

7. *Food.*—Classification--Nature--and uses of food-stuffs—Quantity required—Relative Value—Cooking - Diseases connected with food—Vitamines—Preservation of food-Deficiency diseases.

8. *Vegetable Food-stuffs.*—Cereals—pulses—roots and tubers green vegetables—fruits and nuts—sugar—honey and C.

9. *Animal food.*—Inspection of animals—Characteristic features of good and bad meat—Diseases produced by unwholesome meat.

10. *Milk.*—Comparison—Preservation—Diseases produced by—Preventive measures.—Adulteration—Improvement of Milk Supply—Ghee.

11. *Beverages and Condiments.*—Non-fermented and fermented drinks—Condiments.

12. *Diet in India.*—Standard vegetarian diet—Food and physical development—Physiological effects—Daily diet.

13. *Refuse.*—Collection, Removal and Disposal.

14. *Sewage.*—Collection, Removal and Disposal—Advantages and disadvantages of different systems—Analysis.

15. *Disposal of the dead.*—Cremation—Burning—Earth burial —Different methods adopted.

16. *Personal Hygiene.*—Habit —Cleanliness—Clothing—Eating—Drinking—Smoking—Sleeping—Principles as regards exercise and rest—Calculation of work done—exercise.

17. *Climate and Meteorology.*—Varieties, causes and effects of climate—Acclamatization—Temperature—Atmospheric pressure—movements of wind, etc.—Thermometer—Barometer—Hygrometer—Rainfall

18. *Infection and Carriers of Infection.*—Infection—Incubation—Bacteria—Modes of Infection—Insects—Mosquitoes—Sand Fly, etc.

19. *Animal Parasites.*—Cestoda—Nematoda—Hookworm—Filaria, etc. Guinea-worm.

20. *Restraint of Infection.*—Notification—Isolation—Quarantine—Disinfection—Immunity—Vaccination—and methods.

21. *Preventable Infectious Diseases.*—Malaria—Kala Azar—Enteric Fever—Plague—Cholera—Diphtheria—Tuberculosis—Small-pox, etc.

22. *Medical Inspection of Schools.*—Scope and Nature of medical inspection—Duties of Medical Inspectors—Methods of inspection.

23. Maternity and child welfare. Protection of Motherhood. —Ante and Post natal period—Child welfare centre—Health Visitors—Midwifery service.

24. *Vital Statistics.*—Importance —Estimation of population—Birth and Death rates—Registration of vital events—Infant mortality, their causes and prevention—Death certificates—Occupation and mortality—Special death rate—Marriages.

25. *Sanitation of fairs and Religious festivals.* Accommodations—Medical and Sanitary arrangements -- Water-supply—Conservancy-- Food supply.

26. *Village Sanitation* —Education- Water-supply –Conservancy—Water-borne diseases.

27. *Practical Demonstrations.* Hygiene Models and charts- - Water Analysis—Examination of milk and its adulterants —Microscopic examination of different starches, cotton, wool, silk fibres -Slaughter-houses Filter Beds- Observatory -Vaccination—Isolation Hospital.

FORENSIC MEDICINE.

Part I.

1. *Introduction.*

2. *Identification of the living* including anthropometry, finger prints, personal markings and estimation of age.

3. *Identification and Examination of the Dead* with estimation of age and determination of sex.

4. Autopsy for medico-legal purposes and exhumation.

5. *Medico-legal relations of death modes of dying* -syncope, asphyxia and coma, sudden death ; classification of the causes of death for legal purposes.

6. *Signs of Death* –Molecular and Somatic death, inconclusive and certain signs of death.

7. *Different forms of decomposition* in the dead.

8. *Conditions resembling death* -Syncope trance, partial asphyxia, *premature burial and cremation.*

9. *Death by drowning.* -Suffocation, Hanging, and Strangulation.

10. *Death by burning* –Sunstroke and Electricity.

11. *Death from cold and from starvation.*

12. *Wounds and Mechanical Injuries* including examination of blood and other *stains.*

13. *Wounds of special regions* of the body with their causes and effects.

14. *Sexual offences* including abnormalities of the generative organs, *impotence and sterility. Rape and unnatural offences.*

15. *Pregnancy and legitimacy* including conception, signs of pregnancy, duration of gestation and superfœtation.

16. *Criminal Abortion.*

17. *Birth and Infanticide* including *live and dead birth, infanticide* and post-mortem examination of a newly born infant.

18. *Different forms of Insanity* and other abnormal states of the mind, examination of lunatics, medical certificates for lunacy and methods of placing lunatics under restraint. Hypnotism, Somnambulism and feigned insanity.

19. *Medical Examination* for attendance at court, damages, feigned diseases, etc.

20. Legal and moral obligations of the medical man including registration of birth, certificate of death, dying declaration, notification of diseases, malapraxis, professional secrecy, etc.

21. Evidence of the medical man and procedure in the courts.

Part II.

(Toxicology)

1. General facts regarding poisons with diagnosis of poisoning. Principles of treatment, separation of poisons and their classification.

2. *Corrosive Poisons.*

3. *Irritant Poisons* (Metals and non-metals).

4. *Gaseous Poisons.*

5. *Poisonous Carbon Compounds.*

6. *Poisons of Vegetable origin.*

7. *Poisons of animal origin and Mechanical poisons.*

Medicine.

Introduction.—Definition of Disease—Infection, etc.

Pyrexia.—Infectious diseases : Specific Fevers.

Diseases of the organs of Respiration, Nasophranyx—Larynx—Trachæ—Bronchi—Lungs and Pleura.

Diseases of the circulatory System. Abnormalities of Heart beat—Diseases of the Endocardium—Myocardium and Pericardium—Diseases of the Blood vessels.

Diseases of Alimentary System —Mouth—Tonsils—Pharynx and Salivary Glands—Oesophagus, Stomach and Intestines, Liver—Pancreas and Peritoneum.

Diseases of the Blood—Spleen and Lymphatic System.

Diseases of the Endocrine Glands -Thyroid and Parathyroids, Thymus – Suprarenals --Pituitary   Pineal and Pancreas.

Diseases of the Urinary System   The Urine, Kidneys--thei inflammations, degenerations, and Tumours.

Diseases of the Nervous System -Cranio -Spinal Nerves— Spinal Cord —Medulla Oblongata   -Brain - Sympathetic System — Psychopathies.

Diseases of the Muscles.

Diseases of Bones and Joints.

Chronic Intoxications   Alcohol   Lead   Arsenic -Mercury.

Disorders of Nutrition and metabolism- -Gout   Rickets— Scurvy --Beriberi, etc.

Skin Diseases.

<p style="text-align:center">SURGERY</p>

<p style="text-align:center">*Part I.*</p>

Wounds -General Consideration Classification of wounds - The treatment of wounds General considerations regarding aseptic technic -Technic of cleansing the surfaces of the body. Sterilization of mucous membranes Sterilization of dressing wipes, gowns, etc. The Sterilization of suture and ligature material Water and cleansing solutions The Operating room - The Aseptic Operation General and local Anesthesia. Plastic Surgery.

<p style="text-align:center">*Part II.*</p>

Infections of wounds and surgical Infectious diseases. General considerations regarding wound infections The local disturbances in wound infection Hypersusceptibility and Anaphylaxis Fever -- -Pyogenic Micro-organisms Examination of blood and wound secretions, etc., in connection with surgical infections Entrance ports of Pyogenic infections Pyogenic infections and their treatment -Pyogenic infections of the various tissues General Pyogenic infections with Metastases (Metastatic infection) - The Putrefactive infections --Poisoned wounds -Rabies -Lyssa, Hydrophobia —Tetanus Diphtheria Anthrax -Glanders –Malleus —-Actinomycosis -Madura Foot Blastomycosis Sporothrichosis —Tuberculosis -Leprosy —Syphilis --Scleroma—-Botryomycosis

Part III.

Necrosis.—Necrosis—General Considerations—Necrosis due to trauma—Necrosis due to pressure, constriction, strangulation and torsion—Necrosis from thermal and chemical causes—Necrosis from embolism and thrombosis—Necrosis due to chronic diseases of blood vessels—Necrosis of neuropathic origin.

Part IV.

Injuries of the soft parts, of bones and joints and their treatment.

Injuries—Mechanical injuries of the different tissues. Dislocations—Injuries to the Osseous system—Special fractures—Dislocation of the Vertebræ—Operations on bones and joints—Amputations—Gunshot wounds—Chemical injuries, Thermal injuries—General effects of injury—Delirium Tremens—Fat Embolism—Traumatic Diabetes.

Part V.

Surgical diseases other than infections and tumors. Surgical diseases of the skin—Diseases of muscles and tendons—Diseases of tendon sheaths and bursæ—Diseases of the blood and lymph vessels—The ligature of Arteries in their continuity—Diseases of peripheral nerves—Diseases of joints—Diseases of bones.

Part VI.

Tumors.—Definition and classification—Etiology of tumors—Form, growth and clinical significance of tumors—The diagnosis of tumors in general—The treatment of tumors in general—The special tumors—Lipomata—Chondromata—Angiomata—Sarcomata.—Tumors composed of muscle—Rhabdomyomata—Tumors composed of nerve elements—Gliomata—Tumors developing from epithelium—Carcinomata—Malignant—Chorionic Epithelioma—Endothelial tumors—Mixed tumors—Teratoid tumors— Teratomata.

Part VII.

Cysts. (excluding cystic tumors).—Cystic other than cystic tumors.

Part VIII.

Surgery of Deformities.—Congenital deformities—Malformations, developmental deformities and softening of the bones—

Congenital luxations and contractures —Torticollis --Kyphotic anomalies of posture --Deformations of the upper extremity— Deformities of the lower extremities.

Part IX.

Regional Surgery of the spine -General surgical conditions— Spina Bifida –Spondylitis Injuries of the Spinal Cord -Spinal tumors -Surgery of the spinal roots -Laminectomy -Chordotomy.

Part X.

Surgery of the head. -The scalp -Surgery of the brain, its membranes and vessels —Contusions and wounds of the brain— Traumatic meningitis---Hernia of the brain Abscess of the brain—Thrombosis of the intracranial sinuses -- Epilepsy and its surgical treatment—Mental diseases following cranial injuries and the surgical treatment of mental diseases. The surgical treatment of brain tumors -The surgery of the Hypophysis Cerebri— the technic of trephining -Brain puncture. Resection of the skull. Craniectomy, Cranioplasty and Duraplasty Cranocerabral Topography- -Surgery of the ear.

Part XI.

Surgery of the face. --Congenital Malformations Injuries of the face—Plastic surgery of the face. Neuralgias of the head Surgery of the salivary glands -Diseases of the teeth and of the gums – Tumors of the jaws- -Surgery of the Nose and its Accessory sinuses- -Surgery of the mouth Surgery of the Pharynx.

Part XII.

Surgery of the neck. –Malformations of the neck Injuries of the neck- -Diseases of the neck -Tumors of the neck Surgery of the larynx and trachea Wounds of the larynx and trachea - Foreign bodies in the air passages.- Inflammatory diseases, stenoses, and neuroses of the larynx and Trachea Tumors of the larnyx, trachea, and primary bronchi Operations on the air passages---Surgery of the Thyroid gland.

Part XIII.

Surgery of the Thymus gland. Diseases of the Thymus Gland.

Part XIV.

Surgery of the Esophagus.—Examination of the Esophagus.

Part XV.

Surgery of the Thorax—Injuries and diseases of the thoracic wall
—Pneumothorax—Penetrating wounds of the thorax—Surgery of
the lung—Operations on the thorax—The Diaphragm.—Surgery
of the Pericardium and heart—surgery of the breast.

Part XVI.

Surgery of the Abdomen.—Surgery of the abdominal wall—
Surgery of the Peritoneum—Operations on the stomach and in-
testines—Injuries of the stomach and gut, foreign bodies—Gastric
and Intestinal Fistulæ-Methods of examining the stomach and gut
—Pyloric stenosis, Hourglass stomach, Congenital anomalies of
the stomach—Ulcer of the stomach and Duodenum—Tumors of
the stomach—Surgery of the intestines—Ileus—Appendicitis—
Perityphilities Gernia—Surgery of the liver—Surgery of the spleen
—Surgery of the Pancreas.

Part XVII.

Surgery of the Rectum and the Anus.—Anatomical considera-
tions—Malformations of the Anus. Foreign bodies in the rectum
—Fissura ani-Spasm of the Anus—Periproctitis, Fistula in ano.—
Narrowing of the Rectum. Strictures of the anus-Hæmorrhoids
—Prolapse of the rectum—Tumors of the anus and rectum.

Part XVIII.

Surgery of the female organs of generation.—Congenital and ac-
quired malformations.

Part XIX.

Surgery of the Genito-Urinary System.

Surgery of the kidneys, ureters and suprarenal glands. Sur-
gery of the bladder—surgery of the Prostate (Glandula Prosta-
tida)—Surgery of the penis and urethra—Surgery of the testicle
and spermatic cord.

MIDWIFERY.

The Pelvis—Importance of study—Functions—Inclination—
No. of bones—Difference between male and female—False and
true—Planes—Axes—Measurements—Articulations—Pelvis in in-
fancy—Development.

2. Development of genital Organs—Structure of ovary— Structure of Grafian follicle—Corpus Luteum—Menstruation— Ovulation—Fertilisation.

3. Early development of the ovum—Changes in the Uterus—Formation of decidua

4. Further changes in the ovum—The Liq Amnii—its functions—the allantois.

5. Formation of the Chorion and the Placenta—Full grown placenta and its functions—Demonstration—Umbilical cord

6. Development of the Foetus—Circulation of the foetus—Foetal head—Diameters. Show early specimens of foetus.

7. Attitude-lie—presentation—position—causes of head presentation—change in maternal organism

8. Size of uterus at periods of pregnancy—changes in the Cervix—changes in the breast—changes in the nervous system.

9. Diagnosis of pregnancy—Symptoms—signs—differential diagnosis—duration of pregnancy—calculation of dates.

10. Hygiene of Pregnancy—Antenatal care—management of Pregnancy.

11. Labour—causes which determine it—Contractions—Retraction—polarity of uterus—causes of pain—premonitory symptoms—stages of labour.

12. Mechanism of labour—magnitude of force—vertex presentation—positions—movements—lateral obliquity—Synclytism moulding.

13. Diagnosis of positions—Abdominal palpation—vaginal examination—third stage of labour—duration of labour.

14. Management of normal labour—maternal and foetal mortality—Anaesthetic—Twilight sleep.

15. Face presentation—frequency—causes—varieties—diagnosis—brow presentation—causes—treatment of face and brow.

16. Pelvic presentation—causes—positions—mechanism—diagnosis—prognosis—management.

17. Multiple pregnancy—Binovular and Uniovular twins—Triplets—acardiac monsters—double—monsters—diagnosis—management.

18. The puerperal state—involution of uterus—lochia—afterpains—colostrum—diagnosis of puerperal state—Diagnosis of Parity.

19. The new born infant—changes in circulation after birth—management of puerperal state.

20. Ectopic gestation—varieties-causation—Tubal Foetation—Tubal abortion—Tubal rupture—intra-ligamentous foetation—Secondary abdominal—pregnancy in rudimentary horn,

21. Ectopic gestation—formation of decidua in uterus—expulsion of cast—symptoms—diagnosis—prognosis—treatment.

22. Disorders of pregnancy—classification—toxæmias—Hyperemisis gravidarum—pernicious vomiting —acute yellow atrophy of liver.

23. Nephritic toxæmia—pre-Eclamptic toxæmia—diagnosis—symptoms—treatment.

24. Eclampsia—frequently—mortality—urine-clinical history.

25. Pathological changes—causation—prognosis—treatment—presumably toxæmia.

26. Displacements—congenital malformation of uterus and vagina—antiversion and flexion—retroversion and flexion—Incarceration with retention of urine- -prolapse of uterus and vagina.

27. Diseases of decidua and ovum—endometritis—hydrorrohœa. gravidarum—anomalies of placenta—carneous mole—blighted ovum—symptoms, diagnosis—treatment.

28. Diseases of decidua and ovum—vesicular mole—symptoms—diagnosis—treatment—hydropasmnii—anomalies of funis and fœtus—retention of dead fœtus.

29. Accidental complication of pregnancy—heart and lung diseases—pyleonephritis—jaundice—hæmorrhages—tumours—Malaria.

30. Premature expulsion of the ovum—classification—abortion—mechanism—causes—symptoms—incomplete abortion—diagnosis—prophylaxis—treatment.

31. Antipartem hæmorrhage—varieties—placenta previa—varieties—causes—symptoms—diagnosis—treatment.

32. Accidental hæmorrhage—causes concealed variety—symptoms—diagnosis—prognosis—treatment.

33. Precipitate labour—prolonged labour—causes—primary uterine inertia—secondary uterine—tonic contraction of the uterus—treatment.

34. Dystocia from anomalies of soft parts—trismus uteri—organic rigidity—diagnosis—treatment—satresia cervix-organic rigidity—diagnosis—treatment—atresia cervix —cancers cervix displacement of tumours—complicating labour—distended bladder—Hæmatoma.

35. Transverse presentation—varieties—causes—diagnosis—natural terminations—neglected cases —treatment.

36. Complex presentations—dorsal displacement of arm—locked twins—fœtal monstrosities—conjoined twins—varieties—anencaphalic—hydrocaphalic fœtus.

37. Contracted pelvis—forces of growth and development - pelvis at birth--common forms of pelvic contraction - diagnosis—pelvimetry—P. V. examination - results of contracted pelvis.

38. Contracted pelvis—classification -small round pelvis—mechanism--flat pelvis -mechanism -Rare forms of flat pelvis.

39. Effects of pelvis contraction on labour treatment of contracted pelvis.

40. Rare forms of pelvis deformity -Triradiate pelvis Osteomalacia pseudo malacosteon oblique pelvis varieties diagnosis ---treatment.

41. Transversely contracted pelvis Roberts -Kyphotic—Mechanism of labour -High and low assimilation pelvis Spondyloisthetic pelvis- Exostosis --treatment.

42. Induction of premature labour and abortion indications methods- care of child -Incubator artificial abortion—precaution--methods—choice of time.

43. Extraction of fœtus in pelvic presentations—Impacted breech—causes of impaction —indications for interference –delivery of trunk --liberation of arms -Traction on head Prague method—jaw traction injuries to fœtus.

44. Instrumental labour --instruments demonstration —forceps—varieties application -indications Anæsthesia.

45. Version -cephalic -podalic –bipolar -indications -Craniotomy—indications -method instruments Cranioclasm--version after craniotomy -perforation of after coming head--Embryotomy.

46. Cæsarian section varieties –indications -choice of time —preparation —Technique—Vaginal cæsarian section –Symphysiotomy —indications dangers –preparations external --subaneous —Hingston's method Pubiotomy.

47. Accidents during labour -rupture of uterus causes—Traumatic rupture --symptoms –diagnosis prophylaxis—treatment- -incomplete rupture symptoms -perforation of uterus.

48. Laceration of cervix --Laceration of vagina and perenium prevention – suture- -laceration vulva -rupture symphysis pubis —prolapse of funis- -diagnosis -prognosis –treatment -inversion of uterus—causes -symptoms -treatment.

49. Retention of placenta - causes adhesion of placenta – diagnosis--prevention—treatment.

50. Post partem hæmorrhage --source -causes -symptoms –prophylaxis –treatment -- secondary post partem hæmorrhage.

51. Puerperal fever -- Bacteria -Exciting and predisposing causes —varieties --Toxæmia –Septicæmia --Pyæmia —lesions – prevention—symptoms—treatment.

52. Embolism and Thombosis—Sudden death after delivery —Chorion Epithilioma.

53. Puerperal Insanity.

54. Injuries and diseases of the fœtus—Asphyxia Neonatorum —Opthalmia Neonatorum—disorders of lactation—Deficient secretion—Galectorrhœa—Sore nipple—Abscess breast.

GYNÆCOLOGY.

1. Anatomy of the female generative organs.

2. Menstruation-case taking—examination—Major and Minor Gynæcology—Hysteria—Neuresthenia.

3. Cardinal symptoms—Hæmorrhage—pain—discharge-painful menstruation—Dyspareumia—Sterility.

4. Dysmenorrhœa—Vicarious menstruation—Amenorrhœa— primary—secondary—partial—complete.

5. Displacements—normal position mobility—structure of pelvic floor—Backward displacement.

6. Prolapse—types—cystocele—Rectocele—degrees—causes —symptoms—diagnosis—treatment.

7. Inversion—acute—chronic—Endometritis—varieties—cervical endometritis.

8. Subinvolution—laceration cervix—Exfoliative and senile endometritis—chronic mastitis.

9. Fibro-Myomata—clinical features—diagnosis—secondary changes.

10. Fibro-Myomata—axial rotation—malignant changes— displacement of viscera—pregnancy complicating—treatment— adenomata.

11. Malignant tumours of the uterus—cancer cervix—sites— spread—types—diagnosis—treatment.

12. Cancer of body of uterus—Sarcoma—Chorionic Epithelioma—clinical feature—diagnosis.

13. Diseases of ovaries—Neuralgia—hernia—displacement— hæmatoma—tumours—classification—cysts—cyst adenomata— structure.

14. Papilliferus cysts—ovarian cancer—primary—secondary —fibrous tumours—Sarcoma—Endothelioma.

15. Teratomata—Cysts—Solids genesis.

16. Dermoids—contents—clinical features—Parovarian cysts —Cysts of Gærtners duct.

17. Axial rotation—infection—rupture—adhesions—clinical features of ovarian cysts—diagnosis—treatment.

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18. Congenital abnormalities of Fallopian tubes—tumours—pelvic inflammation—terms—causes—changes in the tube—spread of inflammation.

19. Parametritis—Perimetritis symptoms—diagnosis—Chronic cases—results of inflammation—examination—Differential diagnosis—treatment.

20. Gonorrhœa—mode of infection—spread—symptoms—diagnosis—Tubercle of Fallopain tubes, of cervix—Actinomycosis.

21. Diseases of the vagina and vulva.

22. Tumours—cysts—disease Bartholian gland Carbuncle urethra.

23. Malformation of uterus—Hermophroditism—vesico-vaginal fistula.

24. Operations—major—minor—preparation—position—technique.

DISEASES OF INFANCY.

1. Care of the new born infant Training Care of premature and delicate infants.

2. Growth and development Dentition Peculiarities of Symptomatology and diagnosis.

3. Examination of children—Lavage—Gavage—Irrigation of bowel—Dosage.

4. Diseases of the newly born—Asphyxia Jaundice—Atalectasis.

5. Acute infective diseases—Omphalitis Opthalmia neonatorm Tetanus Winckel's Disease Buhl's Disease.

6. Skin Diseases Hæmorrhages Birth paralysis—Tumours of the Umbilicus.

7. Infant feeding—Breast feeding Diet of nursing mother—bottle feeding—Composition of human milk—Composition of cow's milk Pasteurising milk.

8. Preservation of milk Proprietary Foods—Goat's milk.

9. Artificial food—Modification of milk—Care of feeding bottle—Character of normal stools.

10. Nutritional disturbances daily weights chart—Disturbances of balance—Failure to gain Food tolerance—Diagnosis—Treatment.

11. State of dyspepsia—Symptoms—Treatment—Decomposition—Chronic Malnutrition Treatment—Intoxication cholera infantum.

12. Coeliac disease Constipation Diarrhœa—Simple—Febrile Ileo colitis—Diagnosis—Treatment.

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13. Deficiency Diseases—Vitamins—Infantile scurvy—Symptoms—Treatment—Morbid anatomy.

14. Rickets—Pathogenesis—Dietetic theory—Environmental Infective theory—Calcium metabolism.

15. Rickets—Symptoms—State rickets—Prognosis—Prophylaxis—Treatment.

16. Convulsions—Causes—Symptoms—Treatment—Malaria in infants.

17. Spasmodic croup—True croup—Laryngismus stridulus. Diseases of the respiratory system.

18. Tetany—Encephalitis lethargica—acute anterior poliomyelitis.

19. Hypertrophic—stenosis of the Pylorus in infants.

20. Hydrocephalus—Meningitis.

OPHTHALMOLOGY.

History of Ophthalmology.

Eye-ball : its surrounding structures and accessories.

Eye-ball: its tunics and contents, structures of Cornea, Sclera, Choroid Ciliary body, Iris and Retina.

Refracting media of the eye-ball—Aqueous Humour—Lens and Vitreous.

Eye-lid, lachrymal apparatus 2, 3, 4 and 6th cranial nerves.

Dioptrical consideration in healthy eye " Refraction in a biconvex lens—Refractive Index."

Image formation : optical defects of normal eye.

Quality of visual sensation, colour vision, colour fusion, binocular vision.

Perception and judgment of solidity, judgment of distance and size.

Visual acuity : distant vision, near vision. Snellen's test type letters and gaeger's. Field of vision, Perimetry, Pathological alteration in field of vision.

Opthalmoscope. Direct and indirect method of examination.

Retinoscope—Method of examination.

Diseases of eyelid : Blephritis Hordeolum Chalazion, Trichiases, Entropion.

Ectropion Ptosis, injuries and tumours, etc.

Diseases of Lachrymal apparatus : Epiphora, acute and chronic, Dachryocystitis and adenitis, Excision of lachrymal sac.

Diseases of structures surrounding the eye-ball : orbital periostitis, Cellulitis Tenoninitis. Exopthalmos. Enotpthalmos Pulsating Exopthalmos.

Anucleation of eye-ball, evieeration, artificial eyes.

Diseases of conjunctiva, Catarrhal, Purulent.

Membranous, Granula, Phlyctenular.

Conjunctivitis Symblephron Ptyregium.

Diseases of Cornea, Common and uncommon forms of Keratitis, Ulcers, Keratoconus Opacities, etc.

Diseases of Iris, Sclera, Ciliary body, Chorold :-

Iritis, Prolapse, Iiedectomy, Staphyloma, Simple, Purulent, and Plastic Cyclitis choroiditis, Glaucoma, Primary, Secondary, Congenital, Trephining operation.

Diseases of lens. Varieties of cataract of treatment and operations, Aphakia.

Diseases of Retina inflammation, Vascular. Pigmentary Retinitis, Tumours, Glioma.

Diseases of Optic nerve, Intra-ocular and retrobulber optic neuritis.

Functional diseases of Retina, Amblyopia and Haemianopsia. General optical principles, Prisms, refraction by Prisms numbering of Prisms, Lenses, spherical, cylindrical, concave and convex, Numeration and Neutralization of lenses.

Trial cases of lenses. Spectacles, eyeglasses.

Measurements for glasses and frames and prescription writing for glasses.

Errors of refraction, Ametropia. Hypermetropia etiology subjective and objective symptoms treatment.

Myopia, symptoms, treatment.

Astigmatism, simple, compound, irregular and regular tests and treatment.

Anamolies of accommodation, presbyopia, cycloplegia.

Errors in extrinsic ocular muscles. Diplopia. Paralysis, Divergent squint, Convergent squint.

Maddox Rod, Orthrophoria, Hetrophoria.

Operations on extrinsic muscles, Advanced Tentomy.

Mydriatics and cycloplegia.

Anæsthesia of eye, local and general.

Therapeutics of eye.

Instrumentology of eye.

Symptomotology of eye.

Bacteriology and vaccine Therapy of eye.

Practical Pathology, Preparation and staining of sections of eye and methods of preserving the eye specimens.

Preparing and nursing of eye cases. Dressing and other necessary materials for eye cases. Case taking.

FACULTY OF ENGINEERING.

B. E. Examination.

PURE MATHEMATICS.

(1st Year).

Algebra.—Binomial theorem and its applications, Determinants, Partial Fractions. Exponential and Logarithmic series, Summation of series : tests on convergence and divergence of series. Interest and annuities, Probabilities. Approximate solution of equations by Herner's method.

Trigonometry.—Solution of triangles. Practical use of Logarithms. Natural Logarithms. De Moivres Theorem Adaptation of formulæ to Logarithmic computation. Circualr and Hyperbolic functions and their expansions.

Mensuration.—Plane and Solid.

Analytical Geometry.—Properties of and problems on the Straight line, the Circle, the Ellipse, the Parabola and the Hyperbola by Cartesian and Polar co-ordinates.

Solid Geometry.—Elementary Euclidean Methods.

CALCULUS.

Differential Calculus.—Fundamental notions with geometrical and mechanical applications. Theorems of Taylor and Mac-Laurin. Partial differentiation. Euler's Theorem. Maxima and Minima of functions of a single variable.

Integral Calculus.—Integration of standard forms. Calculation of curve lengths and areas. Integral as the limit of a sum as an area. Volumes and surfaces of solids of revolution.

2. APPLIED MATHEMATICS.

Statics.—Concurrent and parallel forces, moments, couples, equilibrium of forces in a plane, Virtual work, Simple machines, the Pulley, the Wheel and Axle, the Differential Pulley, the Screw, the Balance, the steel yard. Stable and unstable equilibrium. Equilibrium of strings and chains. The parabolic chain. The catenary. Forces in three dimensions— Composition and resolution and simple problems.

Hydrostatics.—Transmission of fluid pressure. Thrust on a plane area. Centres of pressure. Resultant thrust on any

surface. Equilibrium of floating bodies. Stability. Metacentre. Hydrometers. The general phenomena of capillarity, elevation and depression. The principles underlying the action of the Suction Pump, the Force Pump, the Syphon, the Hydraulic Press.

Kinematics.--Displacement in one plane. Translation and rotation. Relative motion. Instantaneous centre of rotation. Composition and resolution of displacement. Velocities and accelerations. Rotation of a rigid body.

Kinetics.—Equations of motion, momentum, work, power, and energy. Simple harmonic motion in a straight line or a curve. Pendulums, simple and compound. Impact. Moment of inertia. Radius of gyration.

3. SURVEYING.

Surveying.—Use and adjustment of surveying instruments. Theory of levelling ; simple and compound, check and reciprocal levellings. Various causes of errors. Customary causes of errors in levelling. Elimination of such errors. Customary limits of errors. Methods of keeping various styles of field book. Use of boning rods. Chain Survey. Chain and compass survey. Theodolite traversing by Gale's traverse system for city and town improvement surveys. Traverse tables. Theory and use of simple plane tables, tangent clinometers. Theory and use of stadia. Three point problems of plane tabling. Finding values of position by observing three known points. Computation by rectangular co-ordinates with convergency correction. Contouring. Longitudinal and cross sections run with a level. The general principles of alignment of tunnels : railways, canals and roads. Simpson's rule for cuttings and bankings. Discussions on the latest patterns of instruments.

4. ELASTICITY AND STRENGTH OF MATERIALS.

(1st Year).

Moduli of Elasticity ; elastic limit, yield point and ultimate strength, resilience and fatigue. Strain beyond elastic limit. Poisson's ratio. Relations between the elastic constants ; elementary principles of elasticity applied to the problems of bending, shearing and torsion. Strength of beams and girders, Factors of safety. Deflection.

5. BUILDING CONSTRUCTIONS.

(1st Year).

(a) *Materials.*

Stone.—Characteristics and preparation. Varieties of Indian and European stones and their suitability to Engineering works. Methods of quarrying. Use of compressed air and steam rock drills. Explosives used for blasting. Absorption of water. Densities and crushing strength.

Bricks and Tiles.—Different classes of bricks and their distinguishing qualities. Suitable clays.

Methods of manufacture of bricks and tiles. Objectionable ingredients in clays. Soundness and hardness. Uniformity of quality and size. Absorption of water. Weight and crushing strength. Terra Cotta. Stoneware pipes.

Cements, Limes and Mortars.—Sources of supply. Process of manufacture. Varieties of limes and cements. Tests for limes and cements ; precautions necessary in their use.

Clay Puddle.—Methods of making and placing in situ.

Metals.—Iron and steel ; varieties and suitability for use ; copper, zinc, lead, tin, and other common metals and their alloys.

Timber.—Felling and seasoning. Classification and properties of Indian and European woods. Preservation of timber against rot and attack by insects. Varieties of timber used in construction for different purposes and under varying conditions ; characteristics of sound timber ; density, tensile and crushing strength of different varieties of timber.

(b) *Construction.*

Foundation.—Natural and various kinds of artificial foundations, such as piles, wells, and tubular foundations ; reinforced concrete rafts, etc. Coffer dams ; Caissons ; cast iron Cylinders ; curbs.

Stone Masonry.—Rubble masonry , block in course ; ashlar of various sorts ; proper bedding of stones ; proportion of bond stones ; safe loads, keyed, Joggle, and lock joints ; dowels ; plugs ; keys ; cramps ; methods of lifting ; scaffolding.

Brick Masonry.—Types and their uses ; object of bond, and various methods by which it is attained ; closers ; bedding ; moisture : scaffolding ; plastering ; pointing ; coping ; cornice ; blocking

course ; parapet ; carbel ; lintel ; reveal ; sill ; footing drip course ; pise walling ; grouting ; racking back ; hollow masonry ; reinforced brick work ; fixing of timber to walls.

Plastering.—Materials ; plastering mixtures ; stucco ; plane and rough cast ; fibrous plaster, ornamental plaster.

Arch work. –Centring and timbering-segmental, elliptic, 3 & 5 centred, pointed, ogee and horse-shoe, skew. hogback and stilted arches ; domes and vaults ; buttresses ; abutments ; striking centres.

Carpentry and Joinery. The cutting up of logs for various purposes : shrinkage of timber ; joining of timbers to resist various stresses ; guiding principles for forming joints : wedges. keys, pins and spikes, etc.

Flat, Couple, Collar, Verandah, king and queen posts roofs.

Reinforced Concrete. –Fundamental principles governing the use of two materials in combination. Selection, compounding and testing materials employed. Regulations for reinforced concrete buildings.

6. EARTH-WORK AND FIELD ENGINEERING.

Earth-work. Definitions. Contracts. Stability and properties of soils. Measurements and setting-out Instruments used. Section and volumes. Drainage. Puddling. Consolidation. Dressing and turfing. Rates, lift and lead.

Field Engineering. (i) *Use of Spars.* -Various knots and lashings and the suitability of each to certain circumstances. Coiling and handling of ropes. Blocks and tackle. Reeving of blocks. Use of handspikes and rollers. Holdfasts. Guys. Use and construction of derricks, shears, gins and trestles in placing girders or columns in position in building or for other similar work.

(ii) *Ground Tracing.* -General principles. Working plans for foundations on level ground and on slopes. Trenches with vertical and with sloping sides. Laying out buildings on the ground and similar practical instructions.

7. PHYSICS.

Revision of the I. Sc. course in physics with an advanced treatment of certain parts with reference to practical application.

Heat.—Calorimetry with radiation corrections. Critical temperature. Hygrometry. Determination of J. Adiabatics and Isothermals. Pyrometry.

Light.—Photometry. The direct reflection and refraction of small pencils at plane and spherical surfaces. Passage through a lens. The Telescope and the Microscope. The Achromatic lens. Polarisation.

Acoustics.—General laws relating to production of velocity of sound, pitch, intensity, and quality of a note, interference, echo, resonance, reverberation, and absorption.

Electricity and Magnetism.—Electric charge. Potential and capacity of condensers. Discharge current. Quadrant Electrometer. Dry cells, secondary batteries and behaviour in charging and discharging. Electromagnetic induction. Self—induction. Induction coil. Elementary description of D. C. and A. C. dynamos and motors. Electric measuring instruments including Wattmeters. Magnetic properties of iron and steel Hysteresis. Definition of magnetic flux. The magnetic field ; direction and intensity. Methods of making magnets.

8. CHEMISTRY.

The general principles of qualitative analysis and elementary quantitative analysis. The properties and uses of certain metals and their important compounds.

The properties and composition of the common alloys, e.g., gun metal, phosphor, bronze, brass, etc. Chemical composition and analysis of fuels. Refractory materials.

Quicklime. Hydraulic lime, cements, their chemical composition and preparation.

Paints and Varnishes ; preparation and use of the common pigments, etc.

Preparation of glass, soluble glass, porcelain, pottery and bricks.

The general requirements of lubricants.

Natural waters, their chemical composition, analysis, bacteriological examination and suitability for various purposes.

Preservation of structural materials.

9. DRAWING.

Plane Geometry :—Use and care of drawing instruments. Proportional division of a line. Construction of plane and diagonal scales and scale of chords. Construction of and problems relating to triangles, quadrilaterals, circles, polygons ; construction of the ellipse, tangents and normals. Parabola, hyperbola, cycloids, envolute of a circle, spiral, loci,

Solid Geometry and Projections :--Principles of Projection. Projection of points and lines. Traces, inclination and true length of a line. Traces and inclinations of planes. Sections of solids. Interpenetration of solids. Simple cases of intersection and development of plane and curved surfaces, and also of cast shadows.

Machine Drawing. --Drawings of simple machine parts such as bolts, nuts, cotters, screws, studs, etc. Forms and proportions of pipes and cylinder flanges, couplings, pulley and speed cones, cranks and link work, connecting rods, eccentrics, pistons, stuffing boxes and valves.

Free-hand and Model Drawing :--Elementary instructions in careful observation and accurate sketching in pencil from sketches and drawings and also from simple models and architectural details. Elementary principles of free-hand perspective drawing, free-hand perspective views of geometrical models in simple positions.

Perspective and Isometric Drawing : - The general theory of conical projection and its application to perspective. Plan and shadows, Isometric projections and sketches.

Building Drawing : -Plan, cross-sections and elevation of buildings drawn to scale.

Making out large scale drawings of building parts involving elementary principles of architectural art.

10. WORKSHOP.

Carpentry.--Construction of hand tools and the object and methods of using them. Exercises in bench work and at the lathe.

Fitting. -- Exercises in chipping, filing, scraping, screwing, and tapping. Use of scribing block, surface gauge and squares in marking out work.

Smithing.--The forge and its tools. Management of fire. Drawing taper, square and parallel work. Bending, up-setting, twisting, punching and cutting. Welding and scraping. Forging, hardening, and tempering. Soldering and brazing.

Foundry.--Moulder's tools, appliances and materials. The cupola. The brass furnace. Core-making. Bench moulding, blackening, coring finishing moulds. Vents, gates and risers. Special methods required for brass moulding. Floor moulding. Open sand work.

Machining.-- Exercises in drilling and boring. Turning with hand and slide lathes. Planing. Slotting. Milling.

MATERIAL TESTING LABORATORIES.

(1st Year).

Metals.—Tests of specimens of iron, steel, cast iron, wrought iron, and various alloys in tension and compression.

Bricks, Limes, Mortars, Cements, and Timber.—Simple tests for specific gravity, absorption, strength under tension, compression, and shear for various proportions, and variation in time of setting.

11. PHYSICAL LABORATORIES.

Testing of spirit levels. Young's modulus of wires. Moments of inertia, Kater's rigid pendulum, pyrometric measurements Thermal conductivity. Mechanical equivalent of Heat. Photometry, Intensity of Illumination, Ice pail test, Wheatstone's bridge, Potentiometer, Kelvin's balance, Heating effects of currents. Electrolytic current measurements. Electro-magnetic induction.

12. CHEMICAL LABORATORIES.

Gravimetric analysis of iron, copper, zinc, calcium, magnesium silicon, carbon dioxide. Qualitative and quantitative analysis of lime, cement and clays.

Technical analysis.—Physical and Chemical tests of oils, coal and water with a view to their suitability for use for Engineering purposes.

13. FUELS AND METALLURGY.

(1st Year).

Fuels.—Classification of fuels ; Solid, liquid, gaseous. Calorific values of fuels. Chemical analysis of fuels. Manufacture of charcoal. Manufacture of Coal-gas, its storage and purification. Storage of fuels. Selection of fuels for industrial purposes.

Metallurgy.—Outlines of the main metallurgical processes of the following metals, their chief uses and test :—copper, silver, aluminium, lead, tin, antimony, iron, chromium, and manganese.

Simple Metallurgical Process.—Solid solutions, hardening, annealing, tempering, alloys, brasses, bronzes, and welding of metals.

Pig iron.—Its manufacture from ores, composition and uses. Details of blast furnace and management.

Cast iron.—Composition of several kinds of cast iron and their strength in compression, tension, etc. Impurities in cast iron and their effect on sound casting and strength.

23. Pure Mathematics.

(2nd Year).

Analytical geometry of two and three dimensions. - Properties of the general equation of the second degree in two variables: direction cosines of a straight line and problems thereon. Cylinder, Sphere and standard forms of second degree surfaces.

Differential Calculus.--Tangents, normals, asymptotes, curvature. Tracing of curves from their cartesian and polar equations. Envelopes, Involutes, Evolutes.

Integral Calculus. - Double and treble integrals as applied to mass centres and moments of inertia, Planimeters. Approximate evaluation of definite integrals (Simpson's rules).

Differential equations.--Formation of differential equations ordinary and partial. Solutions of the standard forms of equations of the first order. Linear equations with constant or homogeneous coefficients. Linear Simultaneous equations in two dependent variables only. Standard forms of elementary partial differential equations.

24. Applied Mechanics.

(2nd Year).

Statics, Hydrostatics, Dynamics.- Advanced treatment of the subjects taught in the first year with the help of Calculus, paying special attention to solution of Engineering problems.

25. Economics.

(2nd Year).

The data of political economy and methods by which they are studied. Relation of economic science to practice. The meaning of economic law. Demand and supply. Law of diminishing utility. Factors in production and their combination. Labour and natural agents. Increasing and decreasing returns. Capital, its influence and conditions of its accumulation. Value in relation to riches. Price, utility, and cost of production. Determinants of ratios of exchange. Element of cost. Complex problems of value. The theory of international and internal trade and its relation to home trade. The law of rent. Interest and profits. Theory of the value of money. The value of foreign bills.

26. ENGINEERING LABORATORIES.

(2nd Year).

Material testing Laboratory.

Metal.—Bending, torsion, shear and deflection. Ultimate strength, yield point, and elastic limit. Effect of time and repetition of load. Ball hardness test, coefficients of expansion, critical speeds of shafts, etc.

Reinforced concrete.—Tests of reinforced concrete beams and slabs and columns in tension, compression, and bending.

MACHINE TESTING LABORATORY.

(For Mechanical Engineering Students only).

The testing of lathes and other machine tools for determining their efficiency by the help of electrical instruments ; transmission and absorption dynamometers.

27. ELECTRO-TECHNICS.

(2nd Year).

Electric units.   Measurements of electrical quantities Current, E. M. F., Resistance, Electromagnetic, chemical and heating effects of current.   Elements of alternating currents, Transformers.   A. C. and D. C. machines. Elementary theory of Dynamos and motors ; functions of their principal parts. Power transmission and distribution ; Electric lighting, Switch Board. Internal wiring for power and light.   Testing for insulation. Resistance and localization of faults.   Wiring rules.   Electric heating apparatus.   Capital and maintenance costs.   Cost of wiring per unit, systems of charging for electrical energy.

28. ELECTRO-TECHNICS LABORATORIES.

(2nd Year).

The operation of alternating current and direct current machinery.   Tests on the running characteristics.   Efficiency tests.   Applications of Electrical driving to industrial purposes, Transmission and conversion of Electrical Energy.

29. GEOLOGY AND MINERALOGY.

(2nd Year).

Discussion of the geological agents at work on and beneath the surface of the earth ; water ; forest ; snow ; ice ; the atmosphere ; chemical, mechanical and organic actions. Phenomena of earthquakes, volcanoes, elevation and depression of land. Geological functions of plants and animals.

The classification of the stratified crust of the earth ; the primary. secondary. and tertiary rocks. fossils and minerals. Essential constituents of common rocks, such as limestone gneiss, micaceous and chloritic schists ; granite ; syenite trachtye, pumice ; sandstone ; slate, laterites, etc.

Description of bedding and joints ; inclination of rock ; dip outcrop and strike, curvature : monocline, syncline ; anticline. Nature and origin of faults, veins and dykes. Igneous rocks. Metamorphism. Ore deposits, unconformability.

Indian Geology. - Mountain ranges, plains and rivers. Distribution of alluvium, trap, and crystalline rocks. Drift of Indian coasts. River drift of the Narbada and Tapti. Alluvial plans of the Indus and the Ganges. Formation of the Laterite and Regur, and their relation to vegetation. Rocks of the Siwalik Hills, and the pliocene mammalia. Nummulitic limestone and associated Tertiary strata in India. Distinctive fossils ; (1) marine, and (2) terrestrial of the Tertiary period. Marine cretaceous rocks : their mineral character and fossils. Volcanic rocks of the Deccan, and their interbedded deposits. The Jurassic rocks of Cutch. The lower Gondwana rocks of India. The Talchir series. The coalfields of the Gondwana rocks and their fossil plants. The marine Trias of the North of India. Relations of secondary to primary strata in India. Carboniferous rocks of the Salt Range. Vindhiyan and older stratified deposits. The Charnockite series of crystalline rocks. The gneiss and schists of South and Central India. General structure of the Himalayas.

Mineralogy. Crystal form and symmetry ; division into systems ; their principal characteristics ; classification based upon (a) chemical composition, (b) physical properties, *e.g.,* specific gravity, hardness, cleavage. fracture ; phenomena relating to light ; simple description and identification of rock forming minerals, ores, veinstones, salts and gems.

30. DESCRIPTIVE CIVIL ENGINEERING.

(2nd Year).

This course is intended for lectures on estimating, descriptive engineering, reinforced concrete works, tunnels, harbours, locks, docks, bridges, cableways, foundations, roads, railways, highways, pile driving, reclamation and dredging, etc.

31. GEOLOGICAL LABORATORIES.

(2nd Year).

The object of the Laboratory work is to acquaint the students to identify the more common ores. salts and rock forming materials by the application of simple physical and chemical tests.

32. IRRIGATION.

(2nd Year).

(1) *Well Irrigation.*—Sub-soil water reservoirs. Lined and unlined wells. Artesian wells. Duty of wells. Area irrigable from a well. Duty of water. Base of duty.

(2) *Tank Irrigation.*—Catchment area. Rainfall, Yield. Maximum run-off. Reservoirs for storage of water. Earthen dams. Masonry dams. Theory of their stability and design. Absorption and evaporation. Losses in the reservoir. Open weirs. Floodgates. Sluices. Surface shutter. Undersluices Syphon, spillways. Silt accumulations and life of reservoirs. Flood absorption capacity of reservoir.

33. WATER WORKS.

Sources of supply.—Springs, wells, rivers, lakes ; choosing the supply.

Impounding storage and service reservoirs. Intakes, settling tanks, filters, rates of filteration. Various types of Mechanical filteration. Water towers.

Rising mains, expansion joints, losses in head, valves, service tanks, house connections, meters, cisterns. General types of pumping installations used in India.

34. CIVIL ENGINEERING DESIGN. (Lecture).

(2nd Year).

This course is intended to supplement the lectures on Theory of Structures, Irrigation, Reinforced Concrete, General Engineering works. The course will include the design of masonry buildings and bridges : steel buildings ; plate and lattice girder bridges ; steel arches ; suspension, cantilever and tubular bridges ; swingbridges ; reinforced concreted structures ; retaining walls ; masonry dams ; aqueducts ; roof trusses ; steel and masonry chimneys; various kinds of foundations, etc.

35.   CIVIL ENGINEERING DRAWING AND DESIGN.

(2nd Year).

The students will be expected to submit complete designs and plates of a masonry building and a steel structure.

36.   MECHANICAL ENGINEERING DESIGN AND DRAWING.

(2nd Year).

(For Mechanical Engineers only).

Advanced examples. Inking in. Shade lining. Flat washing in colour. Strip shading and soft shading. Tracing. Preparation of blue prints. Sketching. Preparation of working drawings from actual measurements of details and complete machines required in mechanical and electrical engineering. Proportional measurements and their meaning. Calculations of the proportions of machine details from given rules. Design of some simple machine.

37.   LECTURE ON MACHINE DESIGN.

(2nd Year).

(For Mechanical Engineers only).

Principles of the strength of materials applied to the designs of the parts of machines. Fastenings used in machine construction, bolts, screws, keys, cotters, rivets, and rivetted joints. Journals and bearings. Shafts, couplings and axles. Toothed gearing. Transmission of power by gearing, belting, ropes and chains. Design of pipes, cylinders, cranks, eccentrics, pistons, and piston rods, crossheads and slides, stuffing boxes, flywheels and connecting rods.

38.   HIGHER THEORY OF ELASTICITY.

(3rd Year).

Continuation of second year work on strength and deflection of iron including theorem of three moments, etc. Combined stress and strain. Stresses in Pipes and thick cylinders. Stresses in long columns. Eccentric loading. Euler's theory concerning

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struts, modification due to Rankine, Gordon and others. Stresses in rotating discs and shafts. Vibration in shafts. Critical speeds. Transverse and longitudinal vibration of structure. Deflection of framed structures by the theory of work.

39. HYDRAULICS.

(3rd Year).

Theory and design of centrifugal and reciprocating pumps. Valves and air vessels. Efficiency of pumps. Methods of lifting water by animal power. Chief types of simple and series pumps. Pulsometers. Hydraulic. Bams.

Water wheels, Theory and design of Pelton wheel, of impulse and reaction turbines. Specific speed, best heads and quantities of water for the use of Pelton wheel. Governing of turbines. Draught Tubes.

Surge tanks. Their theory and application.

Calculation of afflux and back water curve. Standing waves. Application and use of Gould's function. Water hammer.

Hydraulic Transmission of power.—Accumulators. Valves. Hydraulic mains. Lifts, etc.

Theory of Dimensional Homogeneity.—Theory of dynamic similarlity and use of the coefficient of viscosity. Calculations for model experiment on Pelton wheels. Hydraulic turbines. Centrifugal 'pumps. Ship resistances. Standing waves and propellers.

40. GEODESY.

Surveying.—Theory of curves. Curves laid out with the aid of angular instruments. Curves laid by linear measurements only, by chords and offsets, and by offsets inside the curve. Compound curves. Division curves. Vertical curves. Curve spiral or Transition curve. Double centre method for laying out a straight line, setting out pegs for earth work. Curves with given data to pass through ruling point. Introduction to spherical Trigonometry up to the solution of spherical triangles and the adaptation of Napier's rules of circular parts.

Hydro-Electric Surveys.—Topographical maps, how to study and read them, areas suitable for water power schemes, preliminary reconnaissance, catchment areas, rainfall and run-off. Barlow's percentages, approximate discharges of streams and

rivers, capacity of water impounded, hydrographical methods of survey, pipe line alignment, tunnel alignment, forebay, transmission line survey. Instruments used in reconnaissance, preliminary survey and final contour survey.

Astronomy :—Definition. System of celestial co-ordinates ; The reasons for sidereal sun and the mean time , accelerations, retardation and equation of time ; Julian and Gregorion Calendars ; time and the various astronomical corrections.

The practical course consists in finding the meridian of a place by observations of the sun or a star at upper culmination by equal altitudes, by the sun or stars not on the meridian, and by circumpolar stars at elongation ; and in finding time by the sun or stars on the meridian and ex-meridian ; and in finding latitude, by polaris, and circum-meridianal observations. Use and construction of Sun-dials.

11. Higher Theory of Structures.

Secondary stresses in structure. Theory of arches. Masonry arches. Hinged arches. Three point hinged arches. Resilience tests for failure of long struts. Suspension-bridges. Swing-bridges. Approximate method of finding stresses from indeterminate equations. Design of revetted joints and stresses in boiler shells. The theory of least work and its application to the metal arch. Stresses in high masonry dams. Theory of earth pressure and of foundations.

12. Irrigation.

(3rd Year).

Canal Irrigation.—General description of Indian rivers. River discharges. Gauging silt and remedies against its excessive deposition. Kennedy's Theory and its applications. Garrat's tables and diagrams.

Perennial and Inundation canal system. Duty of canal water and Base of Duty. Losses in a canal. Waterlogging and lining of canals to prevent loss.

Inundation canals.— When permissible. General description of such system. Location of take-off to avoid silting.

Perennial canals.— Sources and quantity of supply. Location and design of headworks in boulders. Trough and delta stages of a river. Flood sluices. Head Regulators. Supply channels. Afflux Bunds. Temporary Diversion Bunds. Permanent Weirs. Automatic gates and shutters. Stony sluice gates.

Design and alignment of canals.—Peculiarities of alignments of canal in plain and hilly countries. Determination of watersheds. Falls. Bridges. Regulators. Escapes. Outlets. Roads. Distributaries and Minors. Their design and running.

Cross drainage works.—Maximum rate of run-off from catchments. Inlets. Super-passages. Level crossings. Aqueducts. Syphons. Reservoirs.

River Training Works.—Spurs. Groynes, Bell Bunds. Stream line Bunds. Mattresses. Aprons.

43. REINFORCED CONCRETE.

(3rd Year).

Natures, uses, properties, advantages and disadvantages of Reinforced Concrete over other types of constructions. Assumption made in theory of stress in R. C. beams.

Theory and Design of simple beams, T-beams and slabs for different conditions of loading.

Shear, bond, and diagonal tension, its nature, evaluation, and location of reinforcement.

Design of doubly reinforced beams, and continuous beams. Theory and Design of R. C. columns and piles.

Design of Slab foundations.

Design of simple cantilever and counterpart retaining wall.

Equivalent moments of inertia for R. C. sections.

Theory of Elastic deflections and outline of investigation of stresses in Reinforced Concrete Arches.

44. CIVIL ENGINEERING DESIGN LECTURE.

(3rd Year).

45. ENGINEERING DESIGN.

The students will have to submit at least complete designs and plates of one steel structure and one major irrigation work.

46. Accounts.

General principles of Book-keeping. Cash book and initial accounts of P. W. D. Control of works and operations of manufacture by means of accounts, cost sheets etc. Workshop accounts. The relation of spending officers, towards their superiors to sanction outlay and towards the auditing officers.

47. Sanitary Engineering.

(3rd Year).

Sewerage, Sewage Disposal and Trade Waste. General considerations in connection with the preliminary work of designing a scheme. Data necessary before scheme can be formulated. Methods of estimating the amount of sewage proper. Present and future population affected by scheme and circumstances modifying the same. Variation in rate of flow and causes of same. The problem of inclusion or exclusion of existing sewer system. The various systems of removal of sewage and their relative advantages. The disposal of rain water. Past and present methods of estimating rates of run-off. Intensity curves and Kuichling's law. Absorption power of the usual classes of surface. Rational method of calculating rainfall capacities of sewers. Effects of shape and slope of area on run-off. Effect of storm water overflows. General discussion of discharge formulae for sewers. Discharge problems involving an increasing rate of flow. Self-cleansing velocities. The use of comparative discharge diagrams. Methods of gauging flow in existing sewers. Storm overflows. Inverted syphons. Sewers under rivers, canals, and other obstacles. Design of large sewer under external pressure. Tunnellings through rock and water-logged ground. The design of junctions of large sewers, sea and river outfalls. Automatic and other typ s of pumping. Tidal gates. Ventilation. Timbering of trenches and tunnels. Sewage disposal, general consideration. Variations of the problem due to geographical position of town. General notes on sampling Bacteria and their relation to sewage disposal. The malignant bacteria and their identification. Transmission of bacteria. Methods of disposal by dilution, or by treatment and subsequent discharge into running water. General composition of sewage from an engineering point of view. Detritus tanks. Screens. Sedimentation. Septic and hydrolytic tanks. Colloidal treatment. Chemical precipitation. Coagulation. Contact beds. Activated sludge treatment. Percolating beds,

Sludge and its disposal. Humus tanks. Automatic dosing apparatus. Various methods of collecting and disposing of solid, domestic and trades refuse. The transportation and handling of refuse. Design and operation of refuse destructors.

48. HEAT ENGINE LABORATORIES.

(3rd Year).

(For Civil Engineers).

Steam Engine.—Experiments on high pressure and low pressure boilers, horizontal and vertical steam engines. air compressors and steam turbines. Experiments on gas and oil engines.

49. ARCHITECTURE AND TOWN PLANNING.

General principles of Modern, Classic, and Indo-Sarceni architecture of civic, religious, business premises, theatres, museums, colleges and universities and other public buildings.

Town Planning.—General principles of town planning. Suit ability of an area. Boundaries. Adoption of design to natural features. Allocation of area for the several classes of buildings, park and open space. Advantages and disadvantages of private open spaces. Improvement of existing conditions of cities. Design and construction of streets, side walks and kerbs, markets, parks, cemeteries, and shade trees. Ornamenting and beautifying of towns.

50. SPECIFICATIONS AND ESTIMATING.

Estimating.—Rules for taking out quantities in earth work masonry flooring, wood-work, mouldings, arches, groyned roofs domes, steel work, and plumber's work.

Calculation of probable quantities of materials required to be furnished for the completion of work.

Common rates and their analysis.

Rates for carriage of material by different means of transport

Specifications, contracts, and contract law.

Detailed estimates of some of the designs carried out by the students in the Civil Engineering Design Course.

Specifications.—Specifications of different kinds of stone and brick masonry, cement work, wood work, etc.

51. WORK MANAGEMENT

(For Civil Engineers)

Evolution of engineering industries, examples of successful organisation. Economics of manufacturing and construction. Methods of remunerating labour, cost analysis. Conveyance of goods by rail, road and water. Economical methods of constructing civil engineering works under varying conditions. Productive and protective works. Systems of contract. Organisation of departmental works : economical lay-out of works and labour camps, sanitation, medical aid, water-supply, lighting. Recruitment and control of labour. General administration of large works with their labour camps.

52. THEORY OF MACHINES.

(3rd Year).

(For Mechanical Engineers only).

Altered mechanisms. Expansion of elements. Reduction of chains. Higher pairing involving plane motion. Spur wheel trains, cam trains, etc. Epicyclic and other forms of gearings. Differential gearing. Humpage gear. Various forms of teeth shafts, couplings and axles. Friction of rest and motion. Friction of lubricated surfaces. Friction in mechanisms and efficiency of machines.

Rectilinear and rotational motion. Inertia, forces in mechanisms, balancing of steam engines, I. C. engines and locomotive Gyrostatic action. Dynamics of the steam engine, Cyclics, speed variation, effort and resistance, steadiness : crank effort : governors and flywheels. Correction of indicated diagrams for acceleration. Secondary balancing pressure of the crank pin, Cushioning for acceleration. Stress in locomotive coupling rod; connecting rods. Vibration. Effect of vibration on the speeds of engines. Transmission and absorption dynometers.

53. ELECTRO-TECHNICS.

(For Mechanical Engineers only).

Direct current machines.—Characteristics and performance of generators and motors. Starting, reversing, and regulation of motors. Details of construction. Switch boards. Auxiliary machines, general arrangements of plant and installation.

Alternating current machines.—Production of an alternating E. M. F. maximum and R. M. S. value of wave forms. Effect of resistance, inductance and capacity. Poluphase circuit Power and power factor. Choke coils. Transformers. Alternators and motors induction. Transmission and distribution of electric energy for light and power. Wiring, Installations, and conductors. Cables. Systems of supply and distribution. Location of faults. Batteries. General principles of electric traction, Filament lamps : Arc and vapour lamps.

54. ELECTRO-TECHNIC LABORATORIES.

(*For 3rd year Mechanical Engineers*).

Tests on A. C. and D. C. instruments and circuits. Tests for characteristics, losses, and efficiencies of D. C. and A. C. machines, transformers, etc.

55. HIGHER METALLURGY.

(*3rd Year*).

Physical characters of metals. Changes resulting from heat and mechanical treatment. Pyrometry Metallography. Condition of equilibrium of Binary alloys. Electric smelting and preparation of steel.

56. METALLURGICAL LABORATORIES.

(*3rd Year*).

Experiments in roasting, fluxing, reduction, liquefaction, scorification, cupellation, amalgamation, etc., illustrating the various methods and processes employed in the extraction and purification of metals. Preparation of alloys. Detection and estimation of the common metals, *viz.*, iron, copper, lead, silver, gold, tin, antimony, zinc, bismuth, manganese, in their ores by both the wet and the dry processes.

57. MACHINE TOOLS.

Construction and application of cutting tools. Shapes and speeds of cutting tools for various materials. Materials used for cutting tools and their heat treatment. Various machine tools and their uses. Lathes, planing machines, drilling machines, slotting machines, automatic and semi-automatic machines and their uses.

58   HIGHER THEORY OF THERMODYNAMICS.

The advanced Physics of Thermodynamics.   The various laws of gases, and cycles of operation.   History of the development of various cycles of operations.

The steam engine. - Behaviour of steam in metal cylinder. Cyclical flow of heat in the walls.   Experiments of Callender and Nicolson Law of initial condensation.   Law of valve leakage. Application of entropy and heat charts.   Total consumption of an engine.   Simple, compound and uniflow engines.   Condensing and noncondensing engines.   Effect on consumption, of speed, pressure, ratio of expansion and vacuum.   Design and proportion of cylinders.   Combustion of coal on a grate.   The effects of rate of firing.   Furnace temperature.   Osborne Reynold's law of heat transference.   Chimney temperature.   Number of tubes.   Draft, General description of the various types of high speed boilers.

Steam turbines.   Flow of steam through orifices and nozzles, the De. Laval turbines.   The many stage impulse turbine, Rateau type.   The few stage velocity turbine.   Curtis type.   The many stage reaction turbine.   Parsons type.   Combined types. Consumption and proportions.   Effect of high pressure superheat and vacuum.   Strength of spinning discs   Governing.

Internal Combustion Engines.   Explosion type.   More advanced parts of the theory of gas and oil engines.   The variable specific heat theory.   The standard cycle.   Recent work on gaseous explosions.   Various types of gas producers.   Theory and practice of Air Compressors and Motors.   Single and multistage.   Refrigeration.   Theory of refrigeration, and its application in practice.   The use of Molliers I. chart, Liquefaction of gases, The Humphrey Pump.

Diesel Type.   Theory and construction of the Deisel oil motors, with and without allowance for variation of specific heat with temperature.   The various types manufactured.   Effect on economy of speed and cylinder proportions.   Semi-Diesels, Fuels available for Diesel Motors.

Various types of evaporators and their efficiencies.   General arrangement and construction of the more important types of generating plants.

59.   PRINCIPLES OF AERONAUTICS AND AEROENGINES.

The importance of Aeronautics and possibilites of its development in future.   Theory of stability of the Aeroplane, and principles of the design of wings.   Relation between the wing area, and total load.   Principles of the Fusillage design and determination of the speed and size of propellers, to give the   most efficient results.   General types and fundamental principles of Aeroengines.

60. ORGANISATION OF INDUSTRIES AND WORK MANAGEMENT.

The evolution of engineering industries. Examples of successful organisation. The economics of manufacturing. Methods of remunerating labour, cost analysis and factory accounts; labour-saving devices, and systems of handling and controlling orders. Conveyance of goods on road, rail, and water. Legislation affecting engineering industries.

61. MACHINE DESIGN AND DRAWING.

(For Mechanical Engineers only).

The complete design of a machine (such as a steam or internal combustion engine, a pump, a turbine, or a machine tool) is worked out, and the requisite working drawings and tracings are prepared.

62. HEAT ENGINE LABORATORIES.

(3rd Year).

(For Mechanical Engineers).

Same as for Civil Engineers (see page 359).

63. MACHINE DESIGN LECTURES.

(3rd Year.)

The application of theory to practice in the design of modern types of steam boilers, steam engines, including the uniflow steam turbines and internal combustion engines, including " solid injection " type.

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FACULTY OF EDUCATION.
DIPLOMA-IN-EDUCATION.
*Principles of Education and Elementary
Educational Psychology.*

(*a*) Ideals and Aims in Education. The Elemental Educational
   Values. The question of Formal Training. Principles of
   the Curriculum. Correlation in Teaching. The Logical
   and Psychological order of Studies.
   Factors and Methods in the training of Thought.
   Definition and Language in Education.

(*b*) Psychology and its relation with Education. Nervous
   System and its functions. Heredity and Environment.
   Instincts : Sensation Perception Imagination, Memory,
   Conception, Reasoning. Emotions.
   Volution. Habit formation
   Attention. Interest. Fatigue
   Play. Imitation and Suggestion.
   Laws of Learning.
   Formation of character

School Management and Hygiene.
SCHOOL MANAGEMENT.

Types of Schools.
Classification of Pupils.
Head Master and Staff. Distribution of work. Time-
   tables. Home-work. Examinations. Records.
Hostels.
Order and Discipline.
Extra-curricular activities.
Parental Co-operation.

Hygiene.
Broad Outlines of Anatomy and Physiology.
Medical Inspection.
Defects and Diseases.
Infectious Diseases.
Conditions of healthy physical life.
Hygiene conditions of the school.
First aid in minor injuries and ailments.

*History of Educational Ideas and Select
Classics in Education.*

A period will be prescribed from time to time along with a
set book or two. There will further be prescribed a book or two
under Educational Classics.

Educational Classics.

Rousseau.	Emile.
Plato.	Republic.
Locke.	On Education.
Spencer.	Education.
Dewey.	Democracy and Education.

Methods of Teaching.

A. *General.* Technique in Teaching. Deductive and Inductive Development lessons, Narration, Description, Explanation, Observation, Expression, Exposition and Illustration. Questioning and Discussion.

B. In teaching the special subjects the following points will be dealt with :—

Aims and Values of the subject.

Content and its organisation.

Various methods of teaching the subject.

Schemes and Notes of lessons.

Correlation with other subjects.

Biological Science.

To be prescribed later.

Vernaculars and Classical Languages.

Urdu, Marathi, Telugu, Canarese and Indian Classical Languages. The books on the teaching of English indicate the ground to be covered.

Modern Educational Systems and Problems.

A comparative study of the modern educational systems of the leading countries of the world. Indian Education shall form the centre of the study, and along with this the systems of two or three leading countries shall be prescribed from time to time. The following will be the lines of study :—

Introductory—dealing with the historical aspects and general features of the system.

Administrative control of Education.

Elementary Education. Secondary Education. Higher Education. Industrial and Technical Education. Professional Education, relating chiefly to the training of teachers.

Education of Women.

Conclusion and Outlook.

Advanced Educational Psychology.

Psychology of Individual Differences.

Mental Testing.

Psychology of Learning.

Psychology of the fundamental school subjects.

Statistics in Education.

Child Education.

Nature, Scope and Methods of Child Study.

History of Child Education with special reference to Rousseau Pestalozzi, Froebel and Montessorie.

Observation and study of children. Study of exceptional children and the methods of dealing with them. Intelligence Tests.

The stages of child development.

Play—Theories of play and play methods. Importance of play in the development of the child. Free and organised play.

Fatigue—Mental and Physical.

The Child under 5 and how to deal with him.

The Child above 5 and how to deal with him

No.	Author's or Compiler's Name	Name of Book	Translator's name	Remarks
		INDIAN HISTORY.—(General).		
1	Hashimi, Sayyid ..	.. Matriculation History of India.	..	
		INDIAN HISTORY - HINDU PERIOD.		
2	Davids, T. W. R.	.. Buddhist India. (S. N. S.) .. Sayyid Sajjad		
3	Hashimi, Sayyid ..	.. Intermediate History of India Volume I.	..	
4	Imperial Gazetteer	.. Vol. II · Chs. VIII and IX .. Sayyid Ghulam Rabbani.		
5	Ragozin, Z. A. ..	. Vedic India. (S. N. S.) .. H. A. Ansari.	..	
6	Smith, V. A. ..	.. The Early History of India .. Md. Jamilur Rahman.		
		INDIAN HISTORY . MUSLIM PERIOD.		
7	Abdullah ..	.. Tarikh-i-Daudi	. Fida Ali	Under revision.
8	Abul Fazl ..	.. The Ain-i-Akbari. Vol. I.	. Fida Ali	Do
9	Do ..	.. The Ain-i-Akbari. Vol. II. ..	Do	Do
10	Afif, Shams Siraj	.. Tarikh-i-Feroz Shaha	.. Fida Ali	.. Under translation.
11	Beni Pershad ..	.. Jehangir ..	..	. Under revision.
12	Fergusson, J. ..	.. Indian Saracenic Architecture. Sayyid Hashmi	..	
13	Ferishta ..	.. History of the Rise of the Muslim Power in India. Vol. I. ..	Do	. With Notes by Sayyid Ha
14	Do ..	.. Do Vol. II.	Do	.. Do do
15	Do ..	.. Do Vol. III.	Do	.. Do do
16	Do ..	.. Do Vol. IV.	Do	..
17	Hashimi, Sayyid	.. Intermediate History of India Volume II.	..	..
18	Do ..	.. Intermediate History of India Volume III.	..	..

19	Khajista, Sultana Begum	.. Tarikh-i-Timuria ..	.. ..	.. Under revision.
20	Moreland, W. H. ..	.. From Akbar to Aurangzeb Mughal Empire.	.. Sayyid Hashimi	..
21	Moreland, W. H. ..	.. India at the Death of Akbar : an economic study.	Md. Habibur Rahman	
22	Motamad Khan Bakshi, Mirza Md.	The Iqbal-Namah-i-Jahangiri .	Abul Wila Muhammad Zakaria	
23	Mustaid Khan, Muhd. Saqi	.. Maasir-i-Alamgiri	Fida Ali	.
24	Nasiruddin Haidar, Mirza	The Babar Namah (Memoirs of Babar).		
25	Saleih Kamboo Muhammad	.. Amal-i-Saleih Part I	.. Fida Ali	.. In press.
26	Do	.. Do , Part II	.. Do	.. Under revision.
27	Do ..	.. Do Part III	Do	.. Do
28	Thomas, E. ..	.. Revenue Resources of the Mughal Empire.	Abdul Sattar	.. Under revision.
29	Ziauddin Burni ..	.. Tarikh-i-Feroz Shahi	.. Fida Ali	.. In press.
		INDIAN HISTORY : BRITISH PERIOD.		
30	Anderson, G. ..	.. British Administration in India	Md. Elias Burney	..
31	Anderson, G. and M. Subedar...	The Development of an Indian Policy (1818-1858)	Abdul Sattar	.. In press.
32	Ascoli, F. D. ..	.. Early Revenue History of Bengal and the Fifth Report (1812).	Do	Do
33	Dodwell, Henry ..	.. Dupleix and Clive	. Masood Ali	..
34	Griffin, Sir. L. ..	.. Ranjit Singh (R. I. S.)	Nazir Husain Faruqi	
35	Hashimi, Sayyid ..	.. Intermediate History of India. Volume IV.		
36	Horne, E. A. ..	.. The Political System of British India.	Sayyid Najib Ashraf Nadavi.	
37	Hunter, Sir W. W.	.. Dalhousie. (R. I. S.)	Sayyid Md. Ahmad ..	
38	Hutton, W. H. ..	.. Wellesley (R. I. S.)	S. M. Shawkat ..	
39	Keene, H. G. ..	.. Madhava Rao Sindhia (R.I.S.)	S. M. Abdus Salam ..	
40	Lyall, Sir A. ..	.. The Rise and Expansion of British Dominion in India. ..	Do	

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No.	Author's or Compiler's Name	Name of Book	Translator's name	Remarks
41	Malcolm, Major General, Sir J.	The Political History of India, Vol. I.	Ibn-e-Hasan	..
42	Do do ..	Do Vol. II.	Do	..
43	Malleson, Col. G. B. ..	Clive (R. I. S.)	Ibn-e-Hasan.	
44	Do ..	History of the French in India	Abdul Sattar	Under translation
45	Marshman, J. C. ..	An Abridgment of the History of India—British Period ..	S. Md. Abdus Salam	
46	Seton Karr, W. S.	Cornwallis (R. I. S.) ..	Abdul Sattar	.. In press.
47	Stephen, J. F. ..	Nuncomar and Impey. Vol. I.	Md. Haider and Sayyid Hashmi and Abdul Sattar ..	Under revision
48	Do ..	Do Vol. II.	Abdul Sattar	Do
49	Trotter, Capt. L. J.	Warren Hastings (R. I. S.) ..	Ibn-e-Hasan	

ENGLISH HISTORY.

50	Buckley, A. B...	History of England	Zafar Ali Khan and S. A. Raza. ..	
51	Green, J. R. ..	A Short History of the English People. Vol. I.	Qazi Talammuz Husain.	
52	Do ..	Do Vol. II.	Do	
53	Do ..	Do Vol. III. ..	Do	
54	Do ..	Do Vol. IV. ..	Do	
55	Do ..	Do Vol. V. Epilogue	Do	Under translation.
56	Ransome (ved) ..	An advanced History of England	Sayyid Hashmi ..	

EUROPEAN HISTORY.

57	Fyffe, C. A. ..	A History of Modern Europe Volume I.	Qazi Talammuz Husain.	In press.
58	Do ..	Do Volume II.	Qazi Talammuz Husain & Sayyid Hashmi.	Under revision.

59	Do ..	Do Volume III. ..	Sayyid Hashimi ..	
60	Gooch, G. P. ..	Do Volume IV. ..	Do	In press.
61	Grant, A. J. ..	History of Europe	H. A. Ansari. ..	Do
62	Hassal, A. ..	The Balance of Power 1715-1789	Do ..	
63	Johnson, A. H. ..	Europe in the Sixteenth Century, 1494—1598.	Md. Rahimuddin ..	Under revision.
64	Lodge, G. ..	The Close of the Middle Ages, 1273—1494.	Mirza Ali Yar Khan..	„ translation.
65	Philips, W. A. ..	Modern Europe, 1815—1899 ..	Rashid Ahmad Siddiqi	
66	Stephens, H. M. ..	Revolutionary Europe, 1789—1815.	Hasan Abid Jafari ..	
67	Thatcher, O. J. and F. Schwill.	A General History of Europe, Part I.	Abdul Majid, Haidar Yar Jung, and Qazi Talammuz Husain.	
68	Do	Do Part II. ..	Qazi Talammuz Husain.	
69	Wakeman, H. O.	The Ascendancy of France, 1598—1715	Sayyid Fakhrul Hasan	

GREEK HISTORY.

70	Abbott, E. ..	Pericles and the Golden Age of Athens.	Md. Enayatullah ..	
71	Adolf Holm. ..	History of Greece. Vol. I. ..	Haroon Khan Sherwani.	
72	Do ..	Do Vol. II. ..	Do	
73	Do ..	Do Vol. III. ..	Do	
74	Do ..	Do Vol. IV. ..	Do ..	In press.
75	Bury, J. B. ..	History of Greece ..	Seyyid Hashimi ..	
76	Ferguson, W. S. ..	Greek Imperialism ..	Md. Enayatullah ..	
77	Pickard-Cambridge, A. W. ..	Demosthenes ..	Qazi Tajammul Husain	

ROMAN HISTORY.

78	Bury, J. B. ..	The Student's Roman Empire.	Sayyid Hashimi ..	
79	Firth, J. B. ..	Constantine	Md. Enayatullah ..	
80	Heitland, W. E. ..	The Roman Republic, Vol. I.	H. A. Ansari. ..	

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
81	Heitland, W. E.	The Roman Republic, Vol. II.	H. A. Ansari ..	
82	Do	Do Vol. III.	Do ..	
83	Do	Do Vol. IV.	Do ..	
84	Do	Do Vol. V.	Do ..	
85	Pelham, H. F.	Outlines of Roman History ..	Do ..	

ISLAMIC HISTORY.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
86	ابن الا ثير الجزرى	التاريخ الكامل جلد سوم وچهارم (عهد بنى اميه)	Md. Jamilur Rahman.	
87	,, ,,	,, ,, چهارم وپنجم	Sayyid Hashim Nadvi	
88	,, ,,	,, ,, جلد پنجم تا دوازدهم (عهد بنى عباس)	Sd. Abdul Khair Maududi	Under translation.
89	النو زير محمد سن الدين بن الخطيب اندلسى	اعمال الاعلام فى اخبار غرناطه حصه اول	Sayyid Ahmadullah	In Press.
90	,, ,, ,,	,, ,, حصه دوم	Do	Under translation.
91	ابو الحسن على المسعودى	مروج الذهب	Savyid Muhammad Ibrahim Nadvi ..	
92	,, ,,	التنبيه والاشراف	Abdullah Emadi ..	
93	ابو جعفر محمد بن جرير الطبرى	تاريخ الامم والملوك جلد دوم حصه اول (عهد بنى اميه)	Haidar Yar Jung Br.	
94	,, ,, ,,	,, ,, ,, دوم	Sayyid Md. Ibrahim.	
95	,, ,, ,,	,, ,, سوم وچهارم	Do	
96	,, ,, ,,	,, جلد سوم حصه اول (عهد بنى العباس)	Do	In Press.
97	,, ,, ,,	,, ,, ,, حصه دوم (عهد بنى عباس)	Do	Under translation.
98	,, ,, ,,	,, ,, ,, حصه سوم (عهد بنى عباس)	Abdullah Emadi.	Under revision.
99	,, ,, ,,	,, ,, ,, حصه چهارم (عهد بنى عباس)	Do	Under translation
100	ابى الحسن الهلال بن المحسن المقرى	كتاب الوزرا	Sd. Abul Khair Maududi.	In Press.
101		نفح الطيب	Md. Khahlur Rahman	
102	بلاذرى (احمد بن يحيى ابن جابر البغدادى)	فتوح البلدان جلد اول	Sd. Abul Khair Maududi.	Do
103	,, ,,	,, جلد دوم	Do	Do

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
104	شهرستانی	كتاب الملل والنحل	Sd. Abul Khair Maududi.	In Press.
105	عبدالحليم شرر	تاریخ اسلام جلد اول		
106	,, ,,	,, ,, دوم		
107	(قاضی ابو یوسف)	كتاب الخراج	Do	Do
108	(قدامه بن جعفر)	كتاب الخراج	Do	
109	ماواردی (قاضی القضاة	احكام السلطانيه	Sayyid Md. Ibrahim Nadvi.	
110	ابو الحسن يعقوبی)	تاریخ یعقوبی	Sd. Abul Khair Maududi.	Under revision
111	Jonquiere, de la ..	Histoire de l'Empire Ottoman Vol. I.	M. Pickthall, Shuada Mohammad and Hamiduddr	In Press
112	Do ..	Histoire de l'Empire Ottoman Vol. II	Do	Under revision.

GEOGRAPHY.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
113	Enayatullah, Mahammad	A Historical Geography of Spain.		
114	Le Strange, G. ..	Lands of the Eastern Caliphate (C. G. S.)	Md. Jamalur Rahman	In Press.
115	Do ..	Palestine under the Muslims ..	Sayyid Hashmi	..
116	Marsden, E. and T. A. Smith .	Geography for Senior Classes. Vol. I.	Do	..
117	Do ..	Do Vol. II. ..	Do	.

POLITICS.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
118	Barker, E. ..	Political thoughts from Spencer to To-day.	Qazi Talammuz Husain	.. Under revision
119	Bluntschli, J. K...	The Theory of the State ..	Do	..
120	Dunning, W. A. ..	Political Theories, Ancient and Mediæval.	Do	.. Under revision.
121	Do ..	Political Theories from Rousseau to Spencer.	Do	.. Do
122	Do	Political Theories from Luther to Montesquieu.	Do	.. Do
123	Gilchrist, R. N.	Principles of Political Science .	Do	. Under translation.
124	Jenks, E. ..	A History of Politics. (T. P.)	Abdul Qavi	..
125	Leacock, S. ..	The Elements of Political Science.	Qazi Talammuz Husain.	..
126	Low, Sidney ..	The Governance of England .	Do	. Under revision.
127	Ogg, F. A. ..	The Governments of Europe .	Do	. Do
128	Pollock, F. ..	An Introduction to the History of the Science of Politics.	Raham Ali	..
129	Sarkar, B. K. ..	The Political Institutions and Theories of the Hindus.	K. C. Roy Saksena	.. Under translation.
130	Seeley, J. ..	Introduction to Political Science.	Qazi Talammuz Husain.	..
131	Sidgwick, H. ..	The Development of European Polity.	Do	

ENGLISH CONSTITUTION.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
132	Adams, G. B. ..	The Constitutional History of England.	Abdul Majid	.. Under translation.
133	Bagehot, W. ..	The English Constitution ..	Qazi Talammuz Husain.	
134	Chambers, A. M. ..	A Constitutional History of England.	Sayyid Ali Raza	..
135	Montague, F. C. ..	The Elements of English Constitutional History.	Do	

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
		ECONOMICS.		
136	Banerjea, P.	A Study of Indian Economics	Md. Elyas Burney	
137	Bastable, C. F.	The Theory of International Trade.	Rashid Ahmad	Under revision.
138	Dutt. Romesh	The Economic History of India : Early British Rule	Md. Nasiruddin	In Press.
139	Do	The Economic History of India : Victorian Age.	Do	Under revision.
140	Elyas Burni, Muhammad	Indian Economics		
141	Do	Principles of Economics		
142	Ingram, J. K.	History of Political Economy	Rashid Ahmad	In Press.
143	Moreland, W. H.	An Introduction to Economics for Indian Students.	Md. Elyas Burney	
144	Shirras, G. F.	Indian Finance and Banking.	Rashid Ahmad	Under revision.
145	Taussig	Principles of Economics Vol. I.	Do	Under translation
146	Do	Do Vol. II.	Do	Do
147	Todd, J. A.	Mechanism of Exchange	Do	Under revision.
148	Withers, H. C.	The Meaning of Money	Do	Do
		SOCIOLOGY		
149	Blackmar, F. W.	Elements of Sociology	Sr. Abal Hussain.	In Press.
150	Rene Worm, S.	Sociologie Française	S4 Yusuf Hussain.	In Press.
		PHILOSOPHY.		
151	Boer, Dr. T. J. De	The History of Philosophy in Islam.	Mirza Md. Hadi	
152	Hoffding, H.	History of Modern Philosophy Volume I.	Khalifa Abdul Hakim	In Press.
153	Do	Do Volume II.	Do	Do
154	Do	Philosophy of Religion Translated from the German by B. E. Meyer	Mirza Md. Hadi	Under revision.
155	Iyengar, P. T. Srinivasa	Outlines of Indian Philosophy.	Ehsan Ahmad	In Press
156	Kulpe, O.	Introduction to Philosophy	Mirza Md. Hadi	
157	Rappoport, A. S.	A Primer of Philosophy	Mir Valiuddin	
158	Rashdall, H.	The Theory of Good and Evil Vol. I.	Khwaja Abdul Quddus.	Under translation.
159	Do	Do Vol. II.	Do	To be translated.
160	Renan, Ernest	Averroes et l'Averroisme	Mashuq Husain	
161	Russell, B.	Problems of Philosophy (H. U. L.)	Md. Munuduin Ansari	
162	Sadruddin Shirazi	Asfar-i-Arba	Mirza Md. Hadi and	Under translation.
163	Shahbuddin	Hikmatul Ishraq	Mirza Md. Hadi	
164	Webb, C. J.	A History of Philosophy. (H. U. L.)	Ehsan Ahmad	
165	Weber, A.	History of Philosophy.	Khalifa Abdul Hakim	
166	Zeller, Edward	Outlines of Greek Philosophy (From the Original German)	Dr. Khalifa Abdul Hakim.	In Press.
		LOGIC.		
167	Fazl Imam	Mirquat	Sayyid Hyder Husain	
168	Joseph, H. W. B.	An Introduction to Logic, Part I.	Mirza Md. Hadi	
169	Do	Do Part II.	Do	
170	Ray, P. K. and Md. Husain	Logic	Abdul Majid	
		METAPHYSICS.		
171	Bergson, Henri	An Introduction to Metaphysics	Abdul Bari Nadvi	
172	Descartes, Rene	A Discourse on Method	Do	In Press.
173	James, William	Pragmatism	Do	Do
		PSYCHOLOGY.		
174	Angell, J. R.	Psychology	Mutazid Waliur Rahman.	
175	James. William	Principles of Psychology Vol. I.	Ehsan Ahmad	In Press.

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
176	James, William ..	.. Principles of Psychology Vol. II.	Ehsan Ahmad	.. Under revision.
177	Do	.. The Text-Book Psychology ..	Do	.. In Press
178	McDougall, William	.. An Introduction to Social .. Psychology.	Mirza Md. Hadi	..
179	Do ..	.. Outlines of Psychology	.. Mutazid Wahur Rah- man.	
180	Do ..	.. A Primer of Physiological .. Psychology.	Do	..
181	Morgan, C. L. ..	.. An Introduction to Compara- tive Psychology.	Do	..'
182	Stout, G. F. ..	.. The Groundwork of Psychology	Mirza Md. Hadi	..
183	Do ..	.. A Manual of Psychology	.. Abdul Bari Nadvi	..
184	Ward, James ..	.. Psychological Principles	.. Mutazid Wahur Rah- man.	
		ETHICS.		
185	Aristotle ..	.. The Nichomichean Ethics	.. Mirza Md. Hadi	..
186	Bentham Jeremy .	.. An Introduction to the Princi- ples of Morals and Legislation	Do	.. To be translated.
187	Dewey, J. & J. H. Tufts	.. Ethics. ..	.. Abdul Bari Nadvi	In Press.
188	Green, T. H. ..	.. Prolegomena to Ethics	Ehsan Ahmad	Under translation
189	Mackenzie, J. S. ..	.. A Manual of Ethics	.. Abdul Bari Nadvi .	
190	Mill, J. S. ..	.. Utilitarianism	. Mutazid Wahur Rah- man.	
191	Plato ..	.. The Phedrus, Lysis and Pro- tagoras of Plato. (G. T. S.)	Mirza Md. Hadi ..	In Press.
192	Plato	.. The Republic ..	.. Mirza Md. Hadi .	Do
193	Rogers, R. A. P. ..	.. A Short History of Ethics	. Ehsan Ahmad	Do
194	Sidgwick, H. ..	.. A Short History of Ethics	.. Do	.. Do
195	Stephen, Sir Leslie.	.. The Science of Ethics ..	Do	.. Do
		LAW.		
196	Abdul Rahim, Sir..	.. Muhammadan Jurisprudence..	Masood Ali	..
197	Amir Ali, Sir S. ..	.. Students' Handbook of Mu- hammadan Law.	Sayyid Ali Raza	..|

198	Anson, Sir W. R.	.. Principles of the English Law of Contract.	Husain Ali Mirza .	Under translation.
199	Dicey, A. V. ..	.. Law of the Constitution ..	Masood Ali	..| In Press.
200	Ghose, J. C. ..	..| The Principles of Hindu Law .	Rai Baijnath	..|
201	Leage, R. W. ..	.. Roman Private Law ..	Mahboob Ali	..|
202	Maine, H. S. ..	.. Ancient Law	Masood Ali	.. In Press.
203	Masood Ali ..	.. Dictionary of Law Terms and Phrases.	.	Under Compilation.
204	Salmond, J. W. ..	.. Jurisprudence, Part I. ..	Sayyid Ali Raza	..|
205	Do ..	.. Do Part II. ..	Do	..|
206	Underhill, A. ..	.. Law of Torts ..	Rai Baijnath	..|
207	Westlake, J. ..	..| A Treatise on Private Inter- national Law.	Masood Ali	..|

MATHEMATICS.

208	Ball, Sir Robert ..	.. A Treatise on Spherical Astro- nomy.	Md. Naziruddin	In Press
209	Besant, W.H. & A. S. Ramsay	Treatise on Hydro-Mechanic Part I, Hydrostatics.	Do	..
210	Burnside, W.S.& A.W.Panton.	Theory of Equations. Vol, I ..	Do	..| Under revision.
211	Do	Do Vol. II ..	Do	..| Do
212	Chrystal, G. ..	..| Algebra. Part I. ..	Do	..| To be translated.
213	Do ..	..| Algebra. Part II. ..	Do	..| Do
214	Cockshott, A.& F.B. Walters	Geometrical Conics ..	Qazi Muhammad Husain.	..|
215	Edwards, J. ..	..| Differential Equations ..	Do	..
216	Gibson, G. A. ..	..| Elementary Treatise on the .. Calculus. Part I.	Do	..
217	Do ..	..| Do Part II.	Do	
218	Grace J. H. & F. Rosenberg,..	Analytical Geometry ..	Do	..
219	Hall, H. S. and S. R. Knight .	Higher Algebra. Part I. ..	Do	..|
220	Do ..	Do Part II...	Shaikh Barkat Ali ..	
221	Hall, H. S. & F. H. Stevens ..	Plane Geometry	Qazi Muhammad Husain.	
222	Do ..	..| Solid Geometry ..	Do	..|

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No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
223	Hobson, E. W. ..	A Treatise on Plane Trigono-merty.	Md. Nazıruddin ..	Under revision.
224	Loney, S. L. ..	An Elementary Treatise on Statics (Higher)..	Shaikh Barkat Alı ..	
225	Do ..	Dynamics of a Particle and Rigid Bodies.	Do ..	In Press.
226	Do ..	The Elements of Dynamics ..	Khan Fazal Md. Khan	
227	Do ..	The Elements of Statics ..	Do ..	
228	Do ..	The Elements of Hydrostatics	Qazı Md. Husain ..	
229	Do ..	Plane Trigonometry Part I...	Do ..	
230	Loney, S. L. ..	Plane Trigonometry Part II...	Shaikh Barkat Ali ..	
231	Muhammad Husain, Qazi	Graphs and Equations ..	..	
232	Parker, G. W. ..	The Elements of Astronomy ..	Shaikh Barkat Ali ...	
233	Todhunter, I. & J. G. Leathem	Spherical Trigonometry ..	Md. Nazıruddın ..	In Press.

PHYSICS.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
234	Abdul Rahman Khan, M.I. ..	A Course in Mathematics for Physics Students.	.	In Press.
235	Do ..	Physics of Optics ..	..	Under compilation
236	Allen, H. S. & H. Moore ..	Practical Physics. Part I. Properties of Matter and Heat	Wahıdur Rahman ..	
237	Do	Practical Physics. Part II. Sound and Light.	Md. A Rahman Khan	
238	Do	Practical Physics. Part II. Magnetism and Electricity. .	Do	
239	Duncan, J. & S. G. Starling ..	Text-Book of Physics. Part I. Properties of Matter.	Nasır Ahmad ..	
240	Do ..	Do Part II. Heat. ..	Sayyid Abdul Jalil ..	
241	Do ..	Do Part III. Light ..	Md. A. Rahman Khan	
242	Do ..	Do Part IV. Sound ..	Do ..	
243	Do ..	Do Part V. Magnetism	Do ..	
244	Do ..	Do Part VI. Electricity	Do ...	

245	Gregory, R. & H. E. Hadley .	A Class Book of Physics. Part I. Fundamental Measurements	Chowdri Barkat Ali .	
246	Do ..	Do Part II. Heat ..	Do ..	
247	Do ..	Do Part III. Light ..	Do ..	
248	Do ..	Do Part IV. Sound. ..	Do ..	
249	Do ..	Do Part V. Magnetism	Do ..	
250	Do ..	Do Part VI.Electricity	Do ..	
251	Gregory, R. & A. T. Simmons..	Lessons in Science. Part I. ..	Do ..	
252	Do ..	Do Part II. ..	Do ..	
253	Schuster, A & C. H. Lees ..	Practical Physics. Part I. ..	Md. A. Rahman Khan	
254	Do ..	Do Part II. ..	Do ..	
255	Do ..	Do Part III ..	Do ..	

CHEMISTRY.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
256	Baily, C. H. & H. W. Bausor .	Matriculation Chemistry, Part I.	Chowdri Barkat Ali.	
257	Do ..	Do Part II.	Do	
258	Do ..	Do Part III. ..	Do	
259	Bruce, J. & Harry Harper ..	Practical Chemistry ..	Do	
260	Caven, R. M. & G. D. Lander	Systematic Inorganic Chemistry	Mahmud Ahmad .. Khan.	Under translation.
261	Cohen, J. B. ..	A Class Book of Organic Chemistry Vol. I.	Khwaja Habib Hasan	Under revision.
262	Do	Do Vol. II. ..	Do ..	Under revision.
263	Do	Organic Chemistry ..	Sardar Baldev Singh	
264	Do	Practical Organic Chemistry ..	Hakım Alı ..	
265	Do	Theoretical Organic Chemistry.	S. M. Azam ..	In Press.
266	Fenton, M. T. H.	Outlines of Chemistry ..	Mahmud Ahmad Khan ..	Do
267	Gregory, R. & A. T. Simmons .	Lessons in Science	Chowdri Barkat Ali..	
268	Muzaffaruddin Qureshi ..	A Course of Practical Chemistry	..	Under compilation.
269	Partington, J. R. ..	A Text-Book of Inorganic Chemistry.	Dr. M. Qureshı ..	Under translation.
270	Smith, Alexander.. ..	Inorganic Chemistry. Part I.	Chowdri Barkat Alı	
271	Do	Inorganic Chemistry Part II. .	S. M. Azam ..	Do

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No.	Author's or Compiler's Name		
272	Walker, J.	..	..
273	Do	..	.
274	Bhatia B. L.	..	.
275	Borradaile L. A.	..	..
276	Henderson, L. F. & W. D. Henderson.		
277	Lawson and Sahni		..
278	Do	..	..
279	Marshall, A. M. & C. H. Hurst.		
280	Rangachari, R. B. K.		..
281	Thomson, J. A.	..	..
282	Burnet James	..	..
283	Cunningham	..	..
284	Do	..	..
285	Do	..	..
286	Dixon Mann J. and William. Brend		
287	Dorland W. A.N...		..
288	Eden, T. W. & C. Locyer		..
289	Ghosh Birendra Nath		..
290	Ghosh. Rakhaldas		..
291	Do	..	..
292	Gray, Henry	..	..
293	Do	..	..
294	Do	.	.
295	Do	..	..
296	Do	.	.
297	Do	..	..
298	Do	..	..
299	Do	..	..
300	Green	..	..
301	Halliburton. W. D.		..
302	Do	..	..
303	Do	..	..

Name of Book	Translator's name	Remarks
Introduction to Physical Chemistry. Part I.	Firozuddin Murad	.
Do Part II	Do	.. In Press.
BIOLOGY.		
Elementary Text-Book of Zoology for Indian Students (Rana Tigrina-" Indian Frog " and Pheretima Posthuma-" Indian Earthworm.	Md. Rahimullah	In Press
Elementary Zoology for Medical Students.	Md. Sayeduddin	.. Under revision
Dictionary of Scientific Terms	The Terms Committee	Under translation
The Text-Book of Botany Part I.	Md. Sayeduddin	Under revision and partly in Press.
Do Part II	Do	Do
A Junior Course of Practical Zoology (Revised by E. W. Gould.	Md. Rahimullah	In Press
Practical Botany	.. Abdul Bari	.. In Press
Outlines of Zoology	.. Md. Bater Merza	Under translation
MEDICINE.		
Manual of Diseases of Children		Under translation
Manual of Practical Anatomy (Edited by Arthur Robinson) Vol. I	Dr. Fazl Karim Khan	In Press.
Do Vol. II.	Dr. Mufti Shah Nawaz	Do
Do Vol. III.	Dr. Md. Osman Khan and Dr. Fazl Karim Khan	Under revision.

	Dr. Md. Husain ..	Under revision.
Forensic Medicine and Toxicology.	Dr. Md. Husain ..	Under revision.
Dictionary of Medicine	.. The Terms Committee	Under translation.
Gynaecology ..	. Dr. Ghulam Dastagir	Do
A Treatise on Hygiene and Public health	.. Dr. Md. Osman Khan	Under revision.
Materia Medica Part I. (pp. 1-314.)	Dr. Hasan Ali Khan.	In Press
Do Part II. (pp. 315-690).	Dr. Hamid Husain and Dr. Gulam Dastagir	Do
Anatomy Part I. Embryology, (Edited by Robert Howden)	Dr. Md. Ashraful Haq.	Do
Anatomy, Part II Histology (Do)	Do .	Do
Anatomy, Part III. Osteology (Do)	Do	Do
Anatomy, Part II. Myology, (Edited by Robert Howden)	Do .	Do
Anatomy, Part V. Syndesmology (Do) ..	Do .	Do
Anatomy, Part VI. Angiology.	Hakim Qabiruddin ..	Do
Anatomy Part VII. Neurology	Dr. Fazl Karim Khan and Dr. Mufti Shah Nawaz	Under revision.
Do Part VII. Splanchnology.	Dr. Md. Osman Khan	Do
Manual of Pathology and Morbid Anatomy.(Revised and enlarged by A Piney)	Dr. Fazl Karim Khan.	Under translation.
Essentials of Chemical Physiology.	Dr. Mufti ShahNawaz	In Press.
Handbook of Physiology. Part I. (pp. 1-312).	Dr. Enayat Ali Khan.	Do
Handbook of Physiology. Part II. (pp. 313-636).	Md. Ali Shah. ..	Do

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
304	Dr. Halliburton. W. D.	Handbook of Physiology, Part III. (pp. 637-936).	Dr. Sayyid Nasir Abbas.	In Press.
305	Hutchison, R. & D. Hunter	Clinical Methods ...	Dr. Fazl Karim Khan	Under revision.
306	Muir, R. & James Ritchie	Manual of Bacteriology	Dr. Multi Shah Nawaz	
307	Rose and Charles	Manual of Surgery	Dr. Mukthar Husain	Under translation.
308	Schafer, Sir E, Sharpey	Experimental Physiology	Dr. Md. Osman Khan.	In press
309	Do	The Essentials of Histology Part I.	Do	
310	Do	Do Part II.	Do	Do
311	Taylor	Practice of Medicine (By E.P. Poulton with the assistance of C. Putnam Symonds., H. W. Barber & R. D. Gillespie).	Dr. Md. Osman Khan	Under translation.
312	Ten Teachers	Midwifery (Edited by Comyns Berkeley).	Dr. Khalilur Rehman & Dr. Md. Hussain.	Under translation.
313	Waring, Sir Holbert J.	Manual of Operative Surgery.		To be translated
314	Treves, Sir Fredrick. Bart	Surgical Applied Anatomy (Revised by C. C. Choyce.)		Do

ENGINEERING.

No.	Author's or Compiler's Name	Name of Book	Translator's Name	Remarks
315	Andrews, E. S.	Theory & Design of Structur	Za-uddin Ansari	Under translation.
316	Cunningham, Lieut-Col. A.	Applied Mechanics, Vol. I.	Za-uddin Ansari	In Press.
317	Davidge, H. T. & R. W. Hutchinson	Technical Electricity.	Afzal Ali Rhan	Under translation.
318	Dunkerley. S.	Mechanism	Mirza Mahdi Ali	Under translation
319	Ellis, Col. W. M.	Irrigation	Md. Rizaullah	In Press
320	Faber, O.	Reinforced Concrete Design : Practice.	Md. Hafizullah	Do
321	Faber, O. & P. G. Bowie	Reinforced Concrete Design : Theory.	Zia-uddin Ansari	Do

No.	Author	Title	Translator	Remarks
322	Geikie, James	Structural and Field Geology.	Mirza Md. Ali Beg	Under translation.
323	Goodman, John	Mechanics Applied to Engineering,	Dildar Husain	Do
324	Harrison, Major J. H. C.	Applied Mechanics Vol. II.	Zia-uddin Ansari	In Press
325	Inchley, W.	The Theory of Heat Engine	Mirza Mehdi Ali	Under translation.
326	Lamb, Horace	Infinitesimal Calculus Part I.	Qazi Md. Husain and Kishen Chand.	
327	Do	D) Part II.	Do	
328	Do	Do Part III.	D	
329	Lea, F. C.	Hydraulics	Muinuddin Khan	Under translation.
330	Love, Col. H. D.	Do	Nematullah Khan	In Prses
331	Mitchell C. F. and Davey E.G.	Forty Lessons in Engineering Workshop Practice.		
332	Morley, A.	Strength of Materials	Dildar Husain	In press.
333	Pierpoint, A. E.	A Mensuration for Indian Schools and Colleges Part I.	Zia-uddin Ansari	
		Do Part II. and III.	Md. Azizur Rahman	
334	Do	Metallurgy	Do	Under translation.
335	Rhead E. L.	Steam-Engine : Theory and Practice.	Abdullah Hasan	In Press
336	Ripper, William	Building Materials	Mahmood Alam and. Zia-uddin Ansari	
337	Roorkee Treatise Section. I.	Building Materials	Md. Asadullah	Do
338	Do II.	Masonry	Manzoor Husain	Under translation
339	Do III.	Carpentry.	L. M. Mukerji	
340	Do IV.	Earthwork	Manzoor Husam	Under translation.
341	Do V.	Examples of Estimating	Muhammad Husain Mahajir	
342	Do VI.	Building Construction	Md. Aznnatullah	
343	Do VII.	Bridges	Ghulam Md. Khan	
344	Do VIII.	Roads	Do	In Press.
345	Do IX.	Railways	Mir Iqbal Ali and Zia-uddin Ansari	
346	Do X.	Irrigation Works Vol. I.	Sayyid Ali Raza	Under translation
347	Do X.	Do Vol. II.	Sayyid Ali Raza and Sami-ullah Shah	

No.	Author's or compiler's Name	Name of Book	Translator's Name	Remarks
348	Roorkee Treatise Section XI.	Sanitary Engineering Part I. Water-Supply.	Ahmad Mirza	In Press
349	Do	XII. Do Part II. Sewerage and Drainage Works.	Do	
350	Do	XIII. Drawing Manual, Part I.	S. Abdul Rahman	Do
351	Do	XIII. Do Part II.	Do	Do
352	Do	XIV. Surveying Part I.	Lokandar Bahadur and Md. Riza-ullah	Do
353	Do	XIV. Do II.	Md. Riza-ullah Mirza Md. Ali Beg	Do
354	Vredenburg, E. W.	A Summary of the Geology of India.		
355	The Terms Committee, Osmania University	A Collection of Technical Terms		

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11. Nizam College Library.

12. Imperial Library, Calcutta.
13. The School of Oriental Languages, London.
14. India Office Library, London.
15. British Museum, London.
16. All Indian Universities—incorporated by Law (provided they send their publications in exchange).
17. The Royal Asiatic Society, Bombay.
18. All India Muhammadan Educational Conference, Aligarh.
19. Visva Bharati Library, Bengal.
20. Darul Musannifin, Azamgarh.
21. Darul Ulum Nadva, Lucknow.
22. Municipal Public Ladies' Library, Bombay.
23. City Intermediate College Library.
24. Intermediate College Library, Warangal.
25. Engineering College Library.
26. Training College Library.
27. Roorke Engineering College Library.
28. Urdu Gashti, Kutubkhana.
29. Anjuman-i-Himayatul Islam Lahore.
30. Educational Secretariat.
31. Madarsatul Islah, Azamgarh.

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III. Recognised High Schools.

A. High Schools.
  1. City High School, Hyderabad.

  2. Osmania High School, Darul Ulum, Hyderabad.*

  3.   Do   Nampalli, Hyderabad.

  4.   Do   Aurangabad.*

  5.   Do   Nanded.

  6.   Do   Jalna.

  7.   Do   Bir.

  8.   Do   Parbhani.

  9.   Do   Gulbarga.*

  10.   Do   Osmanabad.

  11.   Do   Raichur.*

  12.   Do   Mahbubnagar.*

  13.   Do   Hanamkonda.

  14.   Do   Nalgonda

  15.   Do   Karimnagar

  16.   Do   Jagtiyal.

  17.   Do   Medak.

  18.   Do   Bidar

  19. Islamiah High School, Mathwada

  20. Mufidul Anam High School.

  21. Asafia High School, Malakpet.

  22. The State High School, Bhopal.

  *N.B.--*Prepare students for the Matriculation Examination of the Faculty of Theology also.*
     25*

B. Middle Schools (permitted to prepare students for the Matriculation Examination).

1. Osmania Middle School, Darushshafa, Balda.

2.	Do	Chanchalguda.
3.	Do	Matwada.
4.	Do	Khammam.
5.	Do	Nirmal.
6.	Do	Latur.
7.	Do	Nizamabad.
8.	Do	Yadgir.
9.	Do	Sharapur
10.	Do	Nootan Vidyal, Gulburgah

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FACULTY OF ARTS.

MATRICULATION EXAMINATION 1340 F. (1931).

Roll No.	Name	Class	School	Remarks
2	Syed Khwaja Mahbub Husain ..	I	Govt. City High School	
12	Md. Abdul Karim ..	I	do	
35	Md. Nasir Ali ..	I	do	
84	Md. Abdul Wahab ..	I	Darul-Uloom High School	
141	P. Kishen Rao ..	I	do	
226	Md. Abdul Hameed Mahmudi	I	Bidar High School	
252	M. Venugopal Reddy ..	I	Nalgunda High School	
280	Digamber Rao ..	I	Nirmal High School	
414	Shripad Deshpande ..	I	Aurangabad High School	
716	K. V. Srinivas Ra, ..	I	Khammum High School	
1	Md. Habibuddin ..	III	Govt. City High School	
3	Mahbub Ali ..	II	do	
4	Md. Rahmat Ali ..	II	do	
8	Syed Abdul Karim ..	II	do	
9	Syed Md. Ahmad Ali Kazmi	II	do	
10	Muhammad Husain ..	II	do	Failed in Theology.
11	Mir Inayat Ali ..	III	do	
13	Khurshid Husain ..	III	do	
14	Anand Rao ..	III	do	
15	D. Rajeshwer Rao ..	III	do	
16	Vitthal Rao Warwadkar ..	II	do	
18	M. Ramchandra Reddy ..	II	do	
20	Md. Zahuruddin ..	III	do	
21	Ahmad Abdul Aziz ..	III	do	
22	Syed Moinuddin ..	III	do	

No.	Name			Result		Failed in Theology.
23	Syed Noorul-Muqtada	..	..	II	do	
24	Ali Abbas Qureyshi	..	..	III	do	do
26	Md. Basharat Ali Khan	..	..	III	do	
27	Md. Riyazuddin Ahmad	..	..	III	do	do
28	Md. Fareeduddin	..	..	II	do	do
33	Khwaja Rashiduddin	..	..	II	do	
34	Shaukatullah Khan	..	..		do	
38	Hasan Bhai	..	..	I	do	
39	Md. Alam Khan	..	..	I	do	do
40	Md. Jamil Mirza	..	..	II	do	
41	Syed Mosa	..	..	III	do	do
44	Muhammad Yaqub	..	..	III	do	
45	Syed Razzaq Ali Afzal Qadri	..	..	III	do	
46	Mir Sardar Ali	..	..	II	do	
48	Syed Emadul Hasan Razvi	..	..	II	do	
49	Ghulam Ahmad Khan	..	..	III	do	
50	Md. Abdul Jabbar	..	..	III	do	
52	Khwaja Md. Moinuddin	..	..	II	do	
53	Md. Mazharuddin Sharif	..	..	II	do	
54	Syed Ahmed Qadri	..	..	III	do	
55	B. Narsingh Pershad	..	..	II	do	
57	Syed Amir Hasan Razvi	..	..	III	do	
58	Mir Vizarat Ali	..	..	II	do	
59	Srinivas Rao	..	..	II	do	
60	Babu Jagmohan Lal	..	..	Completed	do	
61	G. Venogopalchari	..	..	do	do	
63	Ghulam Siddiq Ahmed	..	..	do	do	
64	Syed Ghaus Muhiuddin	..	..	do	do	
65	Tahniyat Ali Khan	..	..	do	do	
66	Khwaja Muinuddin Sharif	..	..	do	do	
68	Md. Nasiruddin	..	..	do	do	
69	Mir Akram Ali	..	..		do	
70	Ghulam Md. Moinuddin Khan	..	..		do	
72	Syed Bashruddin Nizami	..	..		do	

Roll No.	Name	Class	School	Remarks
73	Syed Ghausuddin	III	Darul-Uloom High School	
76	Md. Faruq Siddiqi	II	do	
78	Ghulam Qadir Ali Khan	III	do	
80	Qadir Khan	III	do	
82	Syed Muhammad Wali	III	do	
86	Syed Qadir Husain	II	do	
90	Md. Ismail Ali Khan Faruqi	II	do	
91	Muhammad Mujtaba	III	do	
94	Masood Ali Khan	III	do	
98	Muhammad Muinuddin	II	do	
99	Md. Rah-al-Husain Ansari	II	do	
101	Ahmad Ali Khan	II	do	
102	Syed Wahiduddin	III	do	
104	Md. Kifayat Ali	III	do	
105	Shaikh Muhammad Ikramon	III	do	
106	Muhammad Sharifuddin	II	do	
107	Muhammad Jafar	II	do	
108	C. Erayya	II	do	
109	Marap Venkat Narsihvan Rao	II	do	
115	Syed Hashim	II	do	
117	Muhammad Muhrauddin Ahmad	III	do	
118	Kishen Rao	III	do	
119	Muhammad Bahadur Ali Khan	III	do	
125	Muhammad Nusrat Ali Siddiqi	III	do	
126	Syed Akhtar Husain	II	do	
131	Muhammad Abdur Rashid	II	do	
137	Habibullah Khan	II	do	
144	Vasdev Rao		Completed	
146	Ghulam Dastagir		do	
147	Muhammad Jahangir		do	
148	Syed Amir Muhammad		do	

No.	Name		Result	School	Remarks
149	Syed Azizuddin Ahmad	..	do	do	Failed in Theology
150	Md. Akbar Ali Khan	..	do	do	
151	Aziz Ahmad Zubairi	..	do	do	
152	Mehendur Raj	..	do	do	
153	Md. Ghulam Jalani	..	do	do	
154	Muhammad Bashiruddin	..	do	do	
155	Ahmad Muhinddin	..	do	do	
156	Mahmud Qureishi	..	do	Nampally High School	
163	Raghwender Rao Medkanhalkar	..	II	do	
166	Muhammad Fazl-ul Baqi	..	II	do	
167	Mirza Murtaza Beg	..	III	do	
169	Datatrayya	..	III	do	
172	Shiv Rama Chari	..	III	do	
177	Narayan Acharia	..	II	do	
179	Muhammad Qamruddin	..	Completed	do	
180	Somanath Reddy	..	do	do	
181	Narsappa	..	do	do	
182	Syed Abdur Rashid	..	III	Asfiah High School, Malakpet	
185	Narayan Rao	..	II	do	
187	Yellappa	..	II	do	
190	Shankar Godh	..	II	do	
191	Qazi Md. Abdul Karim	..	Competed	do	
192	Kashi Rao	..	do	Mahbubnagar High School	
194	Muhammad Abdur Rahman	..	III	do	
199	Verdah Chari	..	III	do	
200	Sambah Rao	..	II	do	
207	Md. Nawaz Jafari	..	II	do	
209	Md. Fazlullah Kazimi	..	II	do	
211	L. Rama Chari	..	Completed	do	
216	Ahmad Abdul Hamid Khan	..	III	Bidar High School	Failed in Theology.
223	Shah Murtaza Qadri	..	II	do	
224	Md. Ashfaq Husain Qureishi	..	III	do	
227	Syed Ali	..	III		
228	Syed Shabbr Husain	..	III		

Roll No.	Name	Class	School	Remarks
229	Shah Abdur Razzaq Qadri	III	Bidar High School	
233	Kalyan Rao Jantikar	II	do	
243	Mir Ghulam Nabi Husain	II	Medak High School	
245	Venkat Narayan	II	do	
246	Iswerrya	II	do	
247	Manak Rao	III	Nalgonda High School	
250	Muhammad Nasiruddin	Completed	do	
254	Md. Abdul Khaliq	do	do	
255	Hyder Ali Ahmad Chaudhri	do	do	
256	Mohammad Ahmad Ali	II	Jagtyal High School	
257	Syed Habib-ur-Rahman	II	do	
260	Muhammad Hafi	II	do	
263	V. Gopal Reddy	II	do	
264	K. Lakshmi Narayan	II	do	
265	M. Srirang Rao	Completed	do	
268	Syed Jafar Sharif	III	Nirmal High School	
271	Muhammad Ibrahim	II	do	
274	Syed Shamsuddin	II	do	
278	Govind Rao	III	do	
279	Ram Rao	III	do	
281	Kashi Ram	II	do	
282	Ram Kishen Rao	II	do	
283	Gangaram	II	do	
284	Keshav Rao	II	Nizamabad High School	
286	P. Sayanna	Completed	do	
290	Muhammad Maqsood Khan	II	do	
295	Muhammad Altaf-ur-Rahman	II	Pvvte	
300	Rafiquddin Ahmad	II	do	
308	Maqsood Ahmad Khan	III	do	
317	Muhammad Ibrahim	II	do	
319	Syed Karimullah	III	do	

No.	Name		Class	School	Passed in Theology.
349	Madhu Rao Anvarikar	: : :	II	do	
358	Muhammad Mastan Khan	: : :	Passed	do	
360	Muhammad Ismail	: : :	Completed	do	
361	Madhu Rao Dagikar	: : :	do	do	
362	B. K. Balaram Kholay	: : :	do	do	
364	Narayan Rao Deshpande	: : :	do	do	
365	Md. Abdul Hakim	: : :	do	do	
367	Khwaja Muhammad Rahbar Ali Khan	: : :	do	Govt. City High School	do
368	Jamil Ahmad Faruqi	: : :	do	Darul-Uloom High School	do
361	Muhammad Ghausuddin	: : :	do	Nirmal High School	do
370	Ahmad Ghausuddin Haqqani	: : :	do	Aurangabad High School	do
371	Syed Abdul Latif	: : :	do	Mahbubnagar High School	do
372	Khwaja Ghayasuddin	: : :	do	Darul-Uloom High School	do
374	Mirza Asadullah Beg	: : :	do	Bidar High School	Morals
375	Venkat Rao	: : :	do	Nampally High School	do
376	Srinivas Achari	: : :	do	Mahbubnagar High School	do
377	V. Grunath Rao	: : :	do	Osmanabad High School	do
378	Harishchandar Balmukand Marwari	: : :	do	Women's College, Nampally	
379	Sadiah Be am	: : :	II	Aurangabad High School	
386	Muhammad Ishaq	: : :	III	do	
387	Md. Abdul Wali	: : :	III	do	
389	Ali Athar	: : :	III	do	
392	Abdul Wahid Khan	: : :	III	do	
401	Mir Khurshid Ali	: : :	III	do	
402	Syed Sikandar Ali	: : :	II		
412	Venkat Rao Bharswarkar	: : :	II		
413	Harihar Rao Deshpande	: : :	Completed		
415	Kadarmal Sarda	: : :	III		
417	Digambar Rao Bhoshi Kar	: : :	II	Nanded High School	
418	Guru Baksh Singh	: : :	III	do	
422	Dattatraya Rao	: : :	II	do	
424	S. Das Rao	: : :	Completed	do	
425	Srinivas Rao Palsikar	: : :	II	do	
426	Vaijnath Rao	: : :	Completed	do	
431	Ahmad Abdul Latif	: : :	II	Parbham High School	

Roll No.	Name	Class	School	Remarks
435	Abdul Khaliq	II	Parbham High School	
436	Mirza Razzaq Beg	Completed	do	
437	Venkatesh	III	do	
439	Govind	II	do	
440	Anant Joshi	II	do	
442	Narhar Kalkarni	Completed	do	
446	Shah Muhammad Aziz-ur-Rahman	II	Jalna High School	
447	Syed Abdul Qadir	II	do	
449	Muhammad Fasihullah	II	do	
454	Shambu Pershad	II	do	
453	Md. Mushtaq Ahmad	Completed	do	
460	Qazi Rashid Ahmad	do	Bir High School	
462	Damodhar	II	do	
465	Rangnath	Completed	do	
466	Narsingh Rao	II	do	
486	Bhagwan Gokhade	II	Private	
487	Vaman Rao Patel	II	do	
491	Govand Rao Powar	Completed	do	
492	Md. Abdul Qadir	do	Aurangabad High School	Passed in Theology
493	Md. Karimuddin	do	do	do
494	Md. Mohinddin	II	Gulbarga High School	
495	Md. Abdul Wahal	II	do	
509	N. Tajappa	II	do	
514	H. Rachotappa	III	do	
535	Shaikh Ahmad	II	do	
537	Md. Aziz Mirza	III	do	
544	Syed Abbas Husain	III	do	
546	M. S. Bedekar	II	do	
555	Chadembar Rao Gangavati	II	do	
556	Lingappa	II	do	
557	Swami Rao	II	do	

No.	Name		Class	School	Remarks
558	Murgappa	...	II		Passed in Morals.
566	K. Shivappa	...	II		do
567	K. Venkatesh	...	III		
570	V. N. Ainapur	...	II		
579	Muhammad Ibrahim	...	Completed		
580	Muhammad Vakil Ahmad Faruqi	...	do		
581	Ghulam Muhiuddin Kosgavi	...	do		
582	Mahesh Sankar Nagoray	...	do		
583	Shaikh Abdur Rahman	...	do		
584	Manmath Chaudhri	...	do	Raichur High School	
598	Giri Rao	...	III	do	
599	Kishen Srinivas Rao Manvi	...	II	do	
602	Eknath Rao	...	III	do	
603	Besingoda	...	III	do	
604	J. Hanmant Rao	...	II	do	
615	Manohar Rao Ram Rao Deshpande	...	II	Latur High School	
618	Vishvanath Madhorao	...	II	Osmanabad High School	
619	Vishvanath Kondeba	...	II	do	
620	Keshev Rao Kalkarni Holikar	...	II	do	
621	Govind Ishwant Rao	...	II	do	
622	Balchandar Rao Mahajan	...	II	do	
624	Babu Rangnath Rao Harlkar	...	II	do	
625	Gopinath Ram Rao Vaidya	...	II	do	
626	Lakshman Ganesh Rao Patwari	...	Completed	Private	
631	Bapu Rao	...	do	do	
648	Srnivas Karshat Bhat	...	III	do	
646	Virbhadraya Merkambakar	...	III	do	
652	Md. Abdul Karim	...	Completed	do	
653	Bhimsin Rao	...	do	Gulburgah High School	
654	Raghappa	...	do	Raichur High School	
655	Syed Zahiruddin Ahmad	...	II	Warangal High School	
656	Muhammad Abdul Aziz	...	II	do	
659	Muhammad Rahimuddin	...	II	do	
663	Kalol Lakshmi Narsihvan Rao	...	II	dc	
669	Anant Rao Deshmukh	...	III	do	

Roll No.	Name	Class	School	Remarks
670	Md. Shahabuddin	III	Warangal High School	Failed in Theology
671	Muhammad Abdul Jabbar	II	do	
674	Panchadhar Ramchandar Rao	II	do	
675	Muhammad Mahmud Ali	III	do	
682	Kundapaka Kankya	II	do	
683	T. Kumrayya	II	do	
684	Raycharla Lakshmi Narayana	II	do	
685	S. Markandeshwer Rao	II	do	
686	Vellakunda Ramchandra Rao	II	do	
688	S. Lakshmi Narayan	II	do	
690	D. Venkat Ramayya	II	do	
693	Jamlapur Jagannath Rao	III	do	
695	Otkoor Ram Rao	Completed	do	
697	Muhammad Imamuddin Sarmast	do	do	
698	Syed Qudratullah Husaini	do	do	
699	Syed Abdus Samad Razvi	do	do	
700	S. Jagannath Achari	do	do	
701	G. Maukaya Rao	III	Karimnagar High School	Passed in Morals.
702	S. Venkat Rao	II	Jaktayal High School	do
708	Syed Mohammad Qadri	II	Mathwara High School	
711	K. Narayan Rao	II	Khammam High School	
714	K. Lachhmi Narshyan Rao	II	do	
718	Siraj Ahmad	III	Karimnagar High School	Failed in Morals
724	Khwaja Muinuddin Faruqi	II	do	
737	Muhammad Zahiruddin	II	do	
739	K. Yasu Das	II	do	
744	Venkat Ram Rao	Completed	do	
747	Syed Ibrahim	II	do	
748	Khwaja Muhiuddin	do	do	
749	Muhammad Muinuddin	do	do	
757	Venkat Srinivas Rao Harkaray	II	Private	

No.	Name			Completed	School	Passed in Morals
760	E. Nag Reddy	..	..	Completed	Warangal High School	Passed in Morals
761	Venkat Narsingh Rao	..	..	do	Karimnagar High School	do
762	Venkat Rajam	..	..	do	Private	do
764	Syed Muhammad Hasni	..	..	II	Alexandra Jahangir High School, Bhopal	
768	Musharraf Husain Khan	..	..	II	do	
770	Abdul Azim	..	..	II	do	
771	Nawab Ali Khan	..	..	III	do	
781	Har Pershad Varma	..	..	II	do	
789	Maqsood Ali Khan	..	..	II	do	
791	Muhammad Azim	..	..	II	do	
794	Rajaram Sharma	..	..	II	do	

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Roll No.	Name	Class	School	Remarks
37	Muhammad Ghaus Muhiuddin	II	Govt. City High School	
42	Khurshid Ali Khan	I	do	
45	Mir Zamin Ali	II	do	
46	Sayyid Jafar	III	do	
49	Mahmud Nawaz Khan	III	do	
51	Abul-Makarim Muhammad Fahimuddin	III	do	
52	Qazi Kabir Ahmad	III	do	
54	Sayyid Muhammad Tahir Kazimi	II	do	
50	Raghunath	II	do	
62	C. Moti Ram	II	do	
63	P. Rathnayya	III	do	
73	Sayyid Mahmud	II	do	
75	Sayyid Ghaus Qadri	Completed	do	
76	Kishan Rao	Completed	do	
77	Asad Ali	II	do	
79	Mohammed Mokarram Hosain	I	do	
80	Muhammad Nasim	II	do	
82	Muhammad Riyazuddin	II	do	
85	Abdullah Bhai	II	do	
86	Mohsin Ali	II	do	
87	Mustansir Ali	II	do	
90	Sayyid Qasim Ali	II	do	
93	Mohammed Hashim Ali	II	do	
94	Mohammed Anwaruddin Ahmad	II	do	
96	Muhammed Ghulam Dastagir	II	do	
97	Jamil Ahmad Khan	II	do	
99	Sayyid Ali	II	do	
101	Babu Shanker Rao	II	do	
104	K. Ramchander	I	do	

No.	Name	Class	School
105	Madhu Reddy	II	do
107	Trimbak Rao	II	do
108	Dattarayya Jokalkar	II	do
109	K. V. Joga Reddy	II	do
110	P. Gopal Reddy	I	do
111	R. Krishna Reddy	II	do
113	Mohammed bin Ahmad Bahazaq	III	Darul Uloom High School
118	Muhammad Zakiuddin	II	do
120	Muhammad Abdul Bari	II	do
121	Muhammad Abdullah Khan	II	do
122	Jabir bin Abdullah bin Sayeed	III	do
124	Muhammad Ali Khan	III	do
125	Ghulam Mahmud Samdane	III	do
127	Abul Fazl Muhammed Zakariya	II	do
129	Sayyid Abdul Baqi	II	do
131	Sayyid Niamatullah Qadri	II	do
138	Muhammad Yaqub Ali Khan	II	do
140	Sayyid Alauddin Nahri	II	do
141	Muhammad Yaqub	II	do
142	Sayyid Abdul Hamid	III	do
146	Mohammad Maroof	I	do
148	K. Achta Reddy	III	do
150	Kanal Seshagir Rao	III	do
151	Hari Venkatappa	II	do
154	M. Veeranna	II	do
155	M. Krishna Reddy	III	do
156	Lanka Vishvanadh Shastri	III	do
158	Ram Rao	II	do
160	Jhumar Lal	III	do
163	P. Sanjev Rao	III	do
164	M. Venkaiya	II	do
165	Girjal Pattabhi Ramayya	Completed	do
166	Muhammad Ghaus	II	do
168	Muhammad Raz-ur-Rahman	II	do
171	Muhammad Ghulam Muinuddin Lashkari	II	do
173	Ahmad Sham-sul-Haq Haqqani		do

Roll No.	Name	Class	School	Remarks
177	Muhammad Abdul Rashid Korangali	II	Darul-Uloom	
183	M. A. Nafisuddin	II	do	
184	Sayyid Raza Ali	III	do	
186	Obaidullah Sabir	II	do	
191	Sayyid Muhammad Afzaluddin	Completed	do	
193	Ghulam Siddiqi		do	
194	Sayyid Husain	do	do	
195	Sayyid Abdul Wahid Razvi	do	do	
198	Muhammad Muzaffaruddin Khan	III	Nampalli High School	
208	Muhammad Abdul Sattar Khan	III	do	
210	Mirza Askari	II	do	
211	Naga Rao	III	do	
213	Narshvan Rao	II	do	
215	M. R. Ram Krishna Reddy	III	do	
216	Lakshman Rao	II	do	
217	Shankerayya	III	do	
218	Narshivan Chari	III	do	
219	Jaya Chari	I	do	
221	Ahmad Badruddin	Completed	do	
222	Lakshmana Chari	do	do	
226	Sayyid Ishaq	II	Malakpet High School	
238	Mirza Qaiser Beg	III	do	
242	Muhammad Abdul Hamid	II	do	
243	Sher Muhammad Khan	II	do	Absent in Theology.
251	Digambar Rao	III	do	
255	Sayyid Shamsuddin Qadri	II	Darul-Shafa High School	
263	Mahmud Sharif	III	do	
267	Qazi Muhammad Yusufuddin	III	do	
271	K. Ramchander Rao	I	Mahbubnagar High School	
275	Amapath Reddy	II	do	
281	Mustafa Ahmad Qureshi	II	do	

No.	Name			School	Remarks
282	Ahmad Abdul Aziz	..	II	do	Failed in Theology.
283	Muhammad Abdul Hafiz	..	Completed	do	
285	P. V. Krishnamurthi	..	II	do	
289	Venkat Rangam	..	Completed	do	
290	Muhammad Ahmad	..	do	do	
302	V. Parawathayya	..	do	do	
301	Muhammad Muzaffar Ali	..	III	Bidar High School	
304	Sayyid Muzaffar Hasni	..	II	do	
305	Muhammad Abdul Baqi	..	III	do	
307	Adhu Rao	..	III	do	
308	Sripat Rao	..	Completed	do	
309	B. Kishan Rao	..	do	do	
310	Sayyid Riyaz Ahmad Ulvi	..	do	do	
312	Muhammad Enayat Husain	..	II	do	
316	Ahmad Zain-ul-Abdin	..	Completed	Medak High School	
320	Muhammad Mahmood Husain	..	do	do	
321	Ghaus Muhiuddin	..	II	Nalgonda High School	
323	Muhammad Abdus Satar	..	III	do	
331	Muhammad Abdul Qaiyum	..	I	do	
332	Ghulam Muhiuddin	..	II	do	
334	Nami Satfayya	..	II	do	
335	V. Narbari	..	II	do	
326	Sanar Ramulu	..	II	do	
337	G. Ramna Reddy	..	II	do	
338	M. Venkateshwar Rao	..	II	do	
399	V. Raghu Rao	..	II	Nirmal High School	
348	Sayyid Hafiz Ali	..	I	Nizamabad High School	
360	Muhammad Abdul Jabbar	..	I	do	
362	Muhammad Kalimullah Khan	..	II	do	
363	Muhammad Azizuddin	..	II	Private	
366	Ram Kishan Rao	..	Completed	do	
368	Muhammad Abdul Wahid	..	do		
369	H. Malhuri	..	do	do	

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Roll No.	Name	Class	School	Remarks
370	Ishrat Ali Khan ..	Completed	Nizamabad High School	
373	Khair-un-Nisa Begam	do	Women's College	
381	Fathm-un-Nisa Shahzadi Begam	Passed	Private	
390	M. Raghavender Rao ..	III	do	
405	Mohammad Mahbub	III	do	
407	Muhammad Umardaraz Khan ..	III	do	
409	Muhammad Abdul Razzaq ..	II	do	
411	Muhammad Husain	Completed	do	
418	Nagnath Rao	II	do	
427	B. Sesha Reddy	III	do	
431	Mohammad Qutubuddin	Completed	do	
433	Piljal Raghu Rao	do	do	
434	V. Govind Reddy ..	do	do	
436	Shau Rao Murlinkar	do	do	
439	Ghulam Rasool Khan	do	do	
440	D. Ram Kishan Rao	do	do	
441	Mohammad ul Rafedi-Hasan Ansari	do	do	Passed in Theology
442	Muhammad Abu Khan	do	do	do
443	Sayyid Musa	do	do	do
444	Mir Enayat Ali ..	do	do	do
445	Muhammad Basharat Ali Khan	do	do	do
446	Muhammad Jamil Mirza	do	do	do
447	Ghulam Yousuf Khan	do	do	do
448	Muhammad Mazharuddin Sharif	Passed	do	
450	Sayyid Masooduddin	do	do	
453	Ghulam Mahmud	do	do	
454	Muhammad Azmat Ali Khan	do	do	
457	Mir Muhammad Ali	do	do	
458	Mir Siddiq Ali ..	do	do	

No.	Name		Status	School
459	Sayyid Noor Muhammad	...	do	
460	Sayyid Turab Ali Razvi	...	do	
461	Sayyid Muhammad Razvi	...	do	
462	Muhammad Abdur Rahim	...	do	
465	Sayyid Shah Shahabuddin Nahri-ul-Qadri	...	I	Aurangabad High School
466	Junaid Ahmad	...	I	
468	Sayyid Mahamid Ali Abbasi	...	II	
469	Sayyid Muhammad Shujat Ali Abbasi	...	II	
471	Muhammad Kalimullah Siddiqi	...	II	
473	Sayyid Akbar Sufi	...	III	
474	Shah Dev	...	II	
475	Bhajang Rao	...	II	
476	Dattatrayya	...	II	
478	Bhagwant Rao Garay	...	II	Aurangabad High School
479	Tukaram Godbole	...	I	
482	Muhammad Jamil Ahmad	...	I	
483	Muhammad Abdul Wahid	...	I	
486	Purshotam Bhale	...	III	
488	Ramchandar Rao Makant Bendre	...	II	
490	Kashinath Molay	...	II	
492	Srinavas Rao Dhongre	...	II	
497	Sayyid Shah Abdus Sattar Nahri-ul-Qadri	...	Completed	Nanded High School
498	Azizuddin Ahmad Hashimi	...	do	
499	Muhammad Amruddin	...	do	
500	Qazi Sultan Muhiuddin Ahmad	...	do	
501	Eranna	...	III	
502	B. Bhim Rao	...	II	
503	Lakshman Rao	...	III	
506	Muhammad Ikramullah	...	III	
512	Mahadev Rao Nandedkar	...	II	
514	Muhammad Abdul Wahab Qureshi	...	Completed	Parbhani High School
515	Muhammad Abdul Rashid	...	do	
516	Ram Rao	...	do	
521	Sayyid Abdul Halim Razvi	...	II	
523	Narayan Pershad	...	II	
524	Govind	...	II	

Roll No.	Name	Class	School	Remarks
525	Maruti Nago Rao	II	Parbham High School	
526	Dattatrayya Govind	Hons.	do	
528	Sarfam-ar Deshpande	II	do	
530	Sayyid Ashfaq Husain	Completed	do	
531	Mohammed Mazharuddin	do	do	
532	Digambar	do	do	
533	Mahadev Moreshwar	do	do	
534	Dattatrayya Mandalik	III	do	
535	Muhammad Yusuf Hirgolvi	II	Jalna High School	
538	Chhannalal	II	do	
539	Sayyid Muhammad Riyaz-ul-Hasan Hashimi	II	do	
540	Muhammad Abdul Samad Siddiqi	II	do	
541	Muhammad Abdul Ghafor Tahir	II	do	
542	Digambar Dabholkar	III	do	
543	Keshav Abolkar	Completed	do	
544	Muhammad Abdul Qadir Pani	III	Bir High School	
547	Muhammad Abdul Wahab Khan	III	do	
551	Dattatrayya	II	do	
552	Ram Rao	II	do	
554	Ishwanth	III	do	
556	Bapu Rao	III	do	
558	Narayan	Completed	do	
559	Anant Rao	do	do	
560	Balbhim	II	Private	
568	Narayan Rao	Completed	do	
569	Raghunath	Completed	do	
570	Dattatrayya Rao Giridhar	II	Gulbarga High School	
576	Muhammad Manseer Ali	II	do	
577	Muhammad Abdul Qaiyum	Hons.	do	
580	Padmakar Kothikar	II	do	
587	Sayyid Jafar	II	do	

588	Shama Chari	I	do
589	Ganday Rao	II	do
601	Rahmatullah	II	do
605	Muhammad Fasuddin	II	do
606	Muhammad Ibrahim Khan	I	do
607	Muhammad Abdul Hamid	I	do
608	Khan Muhammad Abdul Hamid Shahpuri	II	do
609	Khwaja Ghulam Nabi	II	do
610	Muhammad Imamuddin	II	do
618	Sayyid Zahoor Hyder	II	do
619	Sabaiya	II	Gulburga High School
623	Bapu Ayahalikar	III	do
625	D. Waman Rao	II	do
627	Waman Rao Deshmukh	II	do
633	S. Narayan Rao	II	do
636	Bhimsen Rao Desai	II	do
637	B. Sadh Lingappa	II	do
638	M. Raghunath Singh	III	do
639	Hanmant Rao Kamatgi	II	do
640	M. Sad Veeriah	I	do
641	Virabhadrayya Malinath	II	do
648	D. Ramappa	II	do
649	Muhammad Abdus Salam	Completed	do
550	Sayyid Abul Hamd	do	do
652	Muhammad Abdul Halim	do	do
653	Muhammad Amir	do	do
654	Mahmud Hosain	do	do
655	Muhammad Kalım Ahmad Siddiqi	do	do
656	Gurunath Rao Mahurkar	do	do
657	T. Shanker Rao	do	do
658	Adappa	do	do
659	K. Sadyanalvarkar	do	do
660	Lingan Ghorah	do	do
661	Vishvanath Rao	do	do
662	Muhammad Khaliluddin	do	do

Roll No.	Name	Class	School	Remarks
670	D. S. Bedekar	II	Madrasa Nothan Vidhyala Gulburga	
671	Bhajrang Lal Sriwastu	II	do	
672	Shanker Rao Shivaji Rao Yadhu	II	do	
679	Mahmmed Abdul Wahd	II	Yadgin High School	
685	Sayyid Abdul Ghafur	II	do	
686	Muhammad Abdul Qaiyum	II	do	
690	M. Srinava- Rao	II	do	
692	G. Hanmantha Chari	II	Raichur High School	
694	Hiyunadchari	II	do	
695	K. Raghava Reddy	II	do	
696	Hanmant Rao Manvikar	II	do	
697	Ahmad Abdul Qaiyum	II	do	
699	Shaikh Ahmad	Completed	do	
702	Ram Nivas Agarval	II	Lathur High School	
707	Muhammad O-man	III	do	
712	Digambar	III	do	
715	Narayan	II	do	
717	Vasudev Rao	II	do	
718	Manik Ganpath Rao Pratarakar	Completed	do	
720	Digambar Rao Pawakar	III	do	
722	Ali bin Ahmad	I	Osmanabad High School	
731	Ambada- Rao Patlak	II	do	
732	Amrat Lal Kulkarni	III	do	
734	Srijual Argaonkar	III	do	
735	Sridhar Rao Joshi	II	do	
736	Venkatesh Narhar Rao	II	do	
737	Govind Acharia Gangoor	III	Private	
739	Bhajang Rao Vaman Rao Randorkar	III	do	
740	Mirza Ghulam Ahmad Siddiqi	III	do	
747	Sayyid Osman Chishti	Completed	do	

No.	Name		Class	School	Remarks
754	Rama Chari Manvikar	...	III		
755	T. Narayan Rao	...	II		
756	C. Narayan Rao	...	I		
757	J. Govind Rao	...	II		
760	Shaikh Ahmad	...	Completed		(Munshi)
764	K. Ram Rao	...	do		
765	Srinivas Vishnu Utgikar	...	do		
766	Shankar Rao	...	do		
767	Venkatesh Rao Kulkarni	...	do		
771	Mohammad Salar Masood	...	III	Warangal High School	
772	Mirza Noorullah Beg	...	II	do	
773	Sayyid Abdul Aziz	...	II	do	
775	Khwaja Zainulabidin	...	II	do	
776	V. Balanna	...	II	do	
778	C. Pullaiya	...	II	do	
784	K. V. Ram Rao	...	II	do	
799	Sayyid Abdur Rashid	...	II	do	
802	Mirza Nazirullah Beg	...	I	Warangal High School	
803	Muhammad Abdur Rahim	...	II	do	
808	T. Lachmi Manohar Swami	...	II	do	
809	R. Purshotam	...	II	do	
810	T. Narhar Rao	...	III	do	
811	M. Sheshgir Rao	...	Completed	do	
814	Khwaja Hasan Mohiuddin Shamsi	...	do	do	
816	Muhammad Abdur Rashid	...	do	do	
817	Muhammad Abdus Salam Khan	...	do	do	
818	Muhammad Jafar	...	II	Matwada High School	
823	Sayyid Ahmad Husain	...	II	do	
825	Muhammad Mahmud Khan	...	II	do	
826	Mirza Khalilullah Beg	...	II	do	
827	Mirza Muhammad Habibullah Beg	...	II	do	
831	Arjun Rao	...	II	do	
832	A. Venkat Kishan Rao	...	II	do	
833	A. V. Ramdas	...	Completed	do	Failed in Morals
834	Gamdvelli Sri Waman Narayan	...		do	

Roll No.	Name	Class	School	Remarks
835	Sayyid Hafizuddin	II	Khammam High School	
837	Sayyid Sajjad Hasan Naqvi	II	do	
839	H. Jagnath Rao	II	do	
840	Sayyid Habibuddin	I	do	
843	V. Venkat Narshyam Rao	II	do	
844	T. Hanmanth Rao	II	do	
845	Y. Gopal Kishan Rao	Completed	do	
846	V. Narayan Rao	do	do	Passed on Moral.
847	L. Lakshmi Narshyan Rao	III	do	
848	R. Raghu Rao	II	Karimnagar High School	
849	M. Bhima Rao	II	do	
851	M. Satya Narayan Rao	III	do	
856	Muhammad Kharuddin	III	do	
857	Muhammad Janeabddin	III	do	
858	S. Venkat Varilharya	III	do	
859	C. Hanmanthu	1	Karimnagar High School	
860	G. Malla Reddy	1	do	
872	N. Satyanarayan	1	do	
867	K. Venkat Raghwar Rao	II	do	
868	J. Ramapathi Rao	Completed	do	
869	Shaikh Hyder	do	do	
870	Mohammad Osman	do	do	
872	Ram Gopal Rao	1st	do	
873	Ahmed Husain Khan	II	Jagtiyal High School	
879	Didar Ahmad	do	do	
884	Muhammad Ismail	do	do	
885	Muhammad Abdus Salam Akhtar	do	do	
886	Muhammad Mohiuddin Beg	do	do	
887	B. Gopal Makshum	do	do	
888	K. Shivarajam	do	Private	
911	M. Madhodhan Rao	II		

	Name				Passed in Theology
913	C. Shai Reddy	..	II	do	
915	R. Hanmant Rao	..	II	do	
920	C. Sitaram	..	III	do	
921	Madanba Ramkrishnaiya	..	Completed	do	
923	Muhammad Abdul Ghafur	..	do	do	
925	Shangram Srinavasa Rao	..	do	do	
927	Muhammad S abuddin	..	II	do	
928	Asadullah Khan	..	III	do	
930	Sayyid Tahir Husain	..	II	do	
931	Zahid Ali	..	II	do	
933	Sirajuddin	..	II	do	
935	Shaukat Husain Ansari	..	II	do	
936	Abdul Sa im Khan	..	II	do	
937	Nisar Ahmad Siddiqi	..	I	do	
939	Kamta Pershad Vidhyarth	..	II	do	
954	Iftakhar Ahmad	..	II	do	
956	Sayyid Abdul Qadir	..	II	do	
962	Mahdi Ali Khan	..	I	do	
963	Nathoo Rao Path·k	..	II	do	
964	Ramcharan Rai Gupta	..		Alexandria High School	
965	Sayyid Salim H·mid Razvi	..	II	Private	

MATRICULATION EXAMINATION 1342 F. (1933 A.D.)
New Regulations

Roll No.	Name	Class	School	Remarks
3	Muhd. Abdus Samad Khan	II	City High School	
5	Shaffajat Husain	II	do	
6	Fatim Ali	III	do	
8	Muhd. Akbaruddin Siddiqi	III	do	
12	Muhd. Hasan Khan	III	Daud Chosn	
20	M. Beokat Pershad	II	do	
22	Muhd. Abdul Rahim Khan	II	Nampally High School	Failed in Theology
33	Muhd. Ahmad Muhiuddin	III	Darush Shafa High School	
38	Muhd. Riyazuddin	III	do	
39	Ghalam Khwaja Qutbuddin	III	do	
40	Mirza Ahmad Qamruddin Beg	II	do	
42	Sayyid Abdur Rahim	III	Bidar High School	
46	Saeeduedin Ahmad	III	Medak High School	
48	Shaikh Imam	III	Nizamabad High School	
51	Sayyid Kalimuddin	III	Private	
52	Sayyid Asghar Ali	III	do	
67	Muhd. Abdul Aziz	Passed	Indo College, Aurangabad	(Munshi)
69	Sayyid Abbas Husain Khan Razvi	III	do	
70	Mohd. Mahmood Ahmad Mosa	III	d	
71	Sayyid Nasiruddin Hyder Qadri	III	do	
72	Muhd. Abdul Hai	III	do	
74	Muhd. Tahmmad Husain Larngi	III	do	
76	Sayyid Mohmed Husain	III	do	
77	Muhd. Mohsin Siddiqi	III	do	
81	Sayyid Wasit Ali Abbasi	III	do	
82	Altaf Bahi Khan Faruqi	II	do	
83	Govind Rao Naktoekar	II	do	
84	Satjugat Narayan	II	do	
85	Rajender Narayan Achtahana	II	do	
86	Rai Mohan Rao Achthana	II	do	
91	Mohd. Ijaz Wali Khan	II	do	
93	Manohar Rao	III	do	

94	Mohd. Muinuddin	: : :	III	Nanded High School
95	Tulja Singh Chowhan	: : :	III	do
99	Muhd. Ismail	: : :	III	do
112	Mirza Ahmad Ali Beg	: : :	III	Parbhani High School
115	Santok	: : :	III	do
125	Dattatri Mandakhalkar	: : :	II	do
130	Sayyid Ismail	: : :	III	Jalna High School
131	Shankar Keshav Rao Pamparkhedkar	: : :	II	do
132	Mahalsa Kunt Ambarkar	: : :	II	do
184	Khwaja Sirajul Abidin Siddiqi	: : :	II	Bir High School
658	Trimbak	: : :	III	do
658	Makand	: : :	III	do
143	Narsingh Rao	: : :	III	Yadgir High School
144	Y. Varpa Kishtaiya	: : :	II	Raichur High School
145	Sakha Hari	: : :	II	do
147	Muhd. Abdus Salam	: : :	II	Inter. College, Warangal
148	Muhd. Rashiduddin Ahmad	: : :	III	do
149	Sayyid Ghayasuddin Qadri	: : :	III	do
150	Sardar Ali	: : :	III	do
151	Sayyid Abdul Halim Hosaini	: : :	III	do
152	G. Narsaiya	: : :	III	do
153	Mawadi Janardan Reddi	: : :	II	do
154	Piljal Venkat Ram Narshvan Rao	: : :	III	do
155	Bashir Ahmad Siddiqi	: : :	III	do
158	Muhd. Ghayasuddin Faruqi	: : :	III	do
159	Muhd. Miskin	: : :	III	Mathwada High School
160	Sayyid Shah Ali Akbar Qadri	: : :	II	do
162	C. Vishwanathdhar Rao	: : :	III	do
165	Muhd. Wahiduddin	: : :	II	do
166	M. Tuka Ram Rao	: : :	III	Karimnagar High School
169	Pakanati Ramchandraiya	: : :	I	do
174	Sayyid Ibrahim	: : :	II	do
175	Sayyid Yusuf Ali Jafari	: : :	III	Jagtiyal High School
177	M. Narsingh Rao	: : :	II	do
179	Ibnul Abbas Khwaja Fazluddin Hamid		II	
183	Chakanta Bal Kishen Rao	:		(Failed in Theology)

Old Regulations.

Roll No.	Name	Class	School	Remarks
512	Muhd. Mukhtar Ahmad	III	Private	New Regulations
260	Sayyid Yaqoob Hosami	Honours	City Inter. College	
481	Mahmud Ali	I	O. High School, Nalgonda	
926	Mohd. Nazir Khan	I	Alex. Jehangir High School, Bhopal	
933	Afzal Ahmad	I	do	
480	Muhd. Mohiuddin	I	O. High School, Nalgonda	
939	Muhd. Raza Khan	I	Alex. Jehangir High School	
781	Muhd. Mahbub Ali Khan	I	Osmanabad High School	
331	Sayyid Fakhrul Hasan	I	Darul Uloom	
462	Muhd. Abdur Razzaq	I	Bidar High School	
816	J. Narsimham	I	Inter. College, Warangal	
264	Sayyid Sadam ur Rahman	I	City Inter. College	
533	Khwaja Hameeduddin	I	Darul Uloom	
775	Devi Das	I	Latur High School	
378	Muhammad Amjad Ali	I	Nampally High School	
256	Muhammad Ihsanuddin Khan	I	Inter. City College	
691	Hanmant Rao	I	Inter College, Gulbarga	
946	Muhd. Abdul Haqul	I	Alex. Jeh. High School	
777	Ganesh Balbhim Rao	I	Latur High School	
231	Ghulam Dastgir	I	City Inter. College	
395	A. Ramchandra Reddi	I	O. H. School, Nampally	
699	Sayyid Abdul Aziz	I	Inter College, Gulbarga	
234	Mirza Muhd. Ali Beg	I	City Inter. College	
238	Muhd. Dilwar Khan Maulavi	I	do	
449	Ramchander	I	O. H. School Nirmal	
711	Keshav Rao Katti	I	Inter. College, Gulbarga	
282	Ram Rao Kulkarni	I	City Inter. College	
381	Ranganadhan	I	O. H. School, Nampally	
945	Ghulam Kibriya Quddusi	III	Alex. Jeh. H. S., Bhopal	
229	Sayyid Muhd. Mahmud Ali Kazimi	III	City Inter. College	Failed in Theology
230	Malik Shabbir Husain	III	do	

No.	Name	Class	College
232	Muhd. Ibrahim	II	do
233	Muhd. Esa Yafai	II	do
235	Zakiuddin Ahmad	III	do
236	Muhd. Sayeeduddin Ahmad	II	do
239	R. Sita Ram Rao	III	do
241	Narayan Chari	III	do
242	Ganga Reddi	II	do
243	L. Venkat Reddi	III	do
244	Mahmudul Haq	II	do
245	Muhd. Abdur Rahim	II	do
247	Mir Muhd. Ali Khan	II	do
250	Muhd. Ismail Faruqi	II	do
251	Ghulam Muhiuddin	II	do
252	M. Sita Ram Rao	III	do
253	Devaki Nandan Rao	II	do
259	Abul Khair Sayyid Ghulam Samdani Shattari		do
261	Abdul Qayyum	II	do
265	Mohd. Rifaqat Husain Khan	III	do
266	Amir Muhd. Hanif	II	do
267	Muhammad Nur	II	do
270	Shah Abdus Samad Qadri ul Multani	II	do
272	Muhammed Ghaus	III	do
273	Muhammed Fazl Rasul Khan	II	do
274	Muhammed Nasiruddin	II	do
276	Mirza Muhd. Ali Beg	II	do
277	Shamsuddin	II	do
278	Ghulam Muhd. Sayeed	II	do
284	Khoshav Rao Deshpande	II	do
285	Gajanan Rao Kulkarni	II	do
286	N. Narayan Reddi	II	do
288	K. Rang Rao	II	do
289	K. Narayan Rao	II	do
291	P. Lachhmi Rajan	II	do

(Failed in Theology)

City Inter. College

Roll No.	Name	Class	School	Remarks
293	Muhd. Sayeedullah Khan	II	Darul Uloom High School	
294	Muhd. Hakim Ahmad	III	do	
295	Muhd. Shah Alam Khan	III	do	
296	Sayyid Khwaja Mainuddin	III	do	
299	Muhd. Abdul Karim	II	do	
301	Ghaus Muhiuddin	II	do	
302	Muhd. Rafiuzzaman	III	do	
303	Sayyid Mahmud	III	do	
305	Muhd. Mazharuddin	III	do	
307	Muhd. Vajhuddin	II	do	
309	Muhd. Shahabuddin	III	do	
310	Mir Rafiq Ali	III	do	
311	Muhd. Ba-hiruddin	II	do	
313	Muhd. Khaliluddin	II	do	
314	Muhd. Abdul Ghani	II	do	
315	Muhd. Muniruddin	II	do	
317	Khwaja Moinuddin Khan	II	do	
318	Khurshid Khan	III	do	
319	Muhd. Yasin	III	do	
320	Habib Ali	II	do	
321	Muhd. Afzal Husain	II	do	
322	Ali Ahmad	II	do	
324	Babaiya	II	do	
325	K. Shivram Reddi	III	do	
326	P. Anjaiya	III	do	
328	K. G. Anant Reddi	II	do	
330	Abdul Wahid	Completed	do	
332	Abdul Aziz	II	do	
335	Muhd. Abdul Qaddurul Ansari	II	do	
336	Sayyid Muhd. Taqi Hashmi	II	do	
337	Aziz Ahmad Jilani	II	do	
339	Manzar Ahmad	II	do	

No.	Name		Status	Institution
340	Muhd. Saddiq Ali Quraishi	..	II	do
349	Muhd. Abdur Rahman	..	II	do
350	Muhd. Abdul Quddus Mahajir	..	II	do
352	Muhd. Ali Mahajir	..	II	do
355	Vithal Singh	..	II	do
358	Naravan Singh	..	Completed	do
359	Muhd. Taher	..	do	do
360	Ghulam Ali Quraishi	..	do	do
361	Mir Fatah Ali	..	do	do
362	Muhd. Murtaza Ali Khan Nagad	..	do	do
363	Khairat Ali	..	do	do
364	Sayyid Ghayasuddin Qadri	..	do	do
366	Akbar Ali Khan	..	d.	do
367	Muhd. Ghayasuddin	..	do	do
368	Muhd. Abdul Rahman	..	do	do
369	Sayyid Qutubuddin Husaini	..	do	do
370	Muhd. Abdul Wahid Khan	..	do	do
371	Sayyid Ahmad	..	do	do
732	Sayyid Sharif	..	do	do
374	Veshwanadhan	..	do	do
375	K. Yadgir Rao	..	do	do
376	G. Lakshma Reddi	..	do	O. H. School, Nampally
879	Sayyid Ghaus Muhiuddin	..	II	do
880	Sayyid Raza Mustafa Ali Razvi	..	II	do
882	Jagannat Rao Valvekar	..	II	do
883	Sanbeshav	..	II	do
887	Muhd. Habibullah	..	III	do
888	R. B. Babaiya	..	II	do
891	Muhd. Rahmat Husain	..	II	do
892	Hamid Muhiuddin	..	II	do
893	Sayyid Kamal Muhammad	..	II	do
394	M. Venkat Raman	..	II	do
396	Konati Somaiya	..	Completed	do
397	M. Kishen Rao	..	Completed	do
398	G. Rangachari	..	II	do

Roll No.	Name	Class	School	Remarks
399	Raghavender Chari	II	O.H. School, Nampally	
400	Mahantaiya	II	do	
401	Muhd. Sultan	Completed	do	
402	Janardhan Reddi	do	do	
403	Narayan Rao Sharwakar	do	do	
404	K. akshmi Narsihyan Rao	do	do	
411	Muhd. Abdus Salam	II	Asifiya High School, Malakpet	
413	Habib Hasan	II	do	
416	Khwaja Muinuddin Ahmad	II	do	
426	Abdur Rahman Khan Ansari	II	do	
430	R. Dharma Rao	III	do	
432	Muhd. Qutbuddin Khan	Completed	do	
434	Muhd. Rahimuddin	II	O. H. School, Darush-shafa	
436	Muhd. Ghausuddin	II	do	
437	Mir Sirajuddin Ali Khan	II	do	
440	Mir Shakir Ali	II	do	
441	Sayyid Mahdi Hasan	II	do	
442	T. Girdhar Chari	Completed	do	
443	Muhd. Wajihuddin Siddiqi	II	O. H. School, Mahbubnagar	
444	Muhd. Abdus Sattar	II	do	
450	M. V. Subba Rao	II	do	
453	Malhaiya	II	do	
454	T. Balkishaiya Reddi	II	do	
456	Mank Rao	II	do	
458	L. Narayan	Completed	do	
459	Muhd. Muzammal Siddiqi	II	Bidar High School	
461	Rashid Ahmad	II	d.	
463	Muhd. Bashiruddin	II	do	
464	Mirza Farkhunda Ali Beg	II	do	
465	Muhd. Mansur Ahmad Quraishi	Completed	do	
466	Sayyid Shahnuddin	do	do	

No.	Name		Status	School	Remarks
469	Narayan Rao Chatsopakar	..			
470	Abul Mohamid Sayyid Abdur Razzaq	..	II	do	
471	Sayyid Ziauddin	..	Completed	do	
474	Sayyid Abdul Khaliq	..	II	do	
475	Muhd. Hasan Ali	..	III	Medak High School	
478	Muhd. Osman	..	Completed	do	
479	Muhd. Hafizuddin	..	do	do	
482	Siva Ramhi	..	II		
483	Sayyid Sulaiman	..	Completed	Nalgonda High School	
484	Muhd. Abdul Ghaffar	..	do	do	
487	Muhd. Abdul Wahid	..	II	Nirmal High School	
488	Muhd. Ghausuddin	..	II	do	
490	Muhd. Ibrahim	..	Completed	do	
491	Muhd. Abdul Wahid	..	Completed	do	
492	Muhd. Inayatullah Khan	..	do	do	
494	Muhd. Abdur Rab	..	Completed	do	
495	Muhd. Qadiruddin Ahmad	..	do	Nizamabad High School	
496	G. Anant Swami	..	II	do	
498	Muhd. Fakhruddin Siddiqi	..	III	do	
500	D. Hannant Rao	..	II	do	
501	Narayan Reddi	..	II	do	
502	Ahmad Muhiuddin Ansari	..	Completed	do	
503	N. Venkat Raman	..	II	do	
508	Safya Begam	..	II	Private	
514	Muhd. Abdul Baqi Haqqani	..	III	do	
517	Anant Reddi	..	II	do	
518	B. Vijaya Rao	..	II	do	
519	K. R. Ragavacharya	..	III	do	
526	G. Ram Reddi	..	II	do	
532	Sayyid Ghaus Mohiuddin	..	II	do	
535	Muhd. Qutbuddin	..	III	do	
538	Abdul Fatha Mir Abdulah Hasni	..	II	do	Failed in Theology
539	Muhd. Ibrahim	..	II	do	
542	Sayyid Akbar	..	III	do	
546	Mirza Abbas Namazi	..	II	do	
548	Shanker Rao	..			

Roll No.	Name	Class	College	Remarks
549	Muhd. Yusufuddin	Completed	Private	
552	Shesh Rao Desmukh	III	do	
553	C. Keshav Rao	I	do	
555	Y. Sanjev Rao	II	do	
557	C. Venugopal	II	do	
558	Sattaiya	Completed	do	
561	B. Raghvender Rao	II	do	
563	Balreddy	Passed	do	
564	Sayyid Bashir Ahmad	do	do	
565	Mir Taher Ali	do	do	
570	Sayyid Basharat Ahmad Razvi	Completed	do	
571	Muhd. Abdul Qadir	do	do	
573	Sayyid Fakhruddin Hasan	do	do	
574	Sayyid Ahmad	do	do	
575	Muhd. Yusuf Husain	do	do	
579	Muhd. Basharat Husain	do	do	
582	A. Lakshmi Narshyan Reddy	do	do	
583	Venkat Janardhan	do	do	
584	Lakshman Rao	II	do	
585	B. Venkat Sitaram Rao	do	do	
587	Shankar Rao	do	Neutan Vidhyala, Gulbarga	
586	Khabir Ram	Completed	do	
589	Sher Muhd Khan	do	do	Passed in Theology
590	Ghulam Jilani	do	do	do
591	Muhd. Rivazuddin Ahmad	do	Inter. College, Aurangabad	do
592	Muhd. Muzaffar Ali	II	do	do
595	Mir Arshad Ali Khan	II	do	
596	Sayyid Basharatullah Ahmad	II	do	
598	Ghulam Mustafa	II	do	
599	Ghulam Jafar Khan Jalnavi	II	do	
600	Ishaq Muhd. Khan Bismati	II	do	
602	Narayan Ram Kishen Nak	II	do	Failed in theology
603	Mohan Lal Bhad	III	do	

No.	Name		School	Remarks
604	Raja Ram Lakshman Rao Ponirkar	II	do	
605	Raja Ram Venkat Ram Deshpande	II	do	
606	Narayan Rao	II	do	
607	Muhd. Abdul Majeed	Completed	do	
608	Sayyid Aminuddin Ahmed	do	do	
609	Shamshir Khan	do	do	
610	Siddiq Ahmad Khan	do	do	
611	Muhd. Tafazzul Husam Faruqi	do	do	
612	Bhagwan Reshi Pathak	do	do	
613	Muhd. Ammullah Ziyai	III		
614	Muhd. Abdul Moghni	III		
615	Sayyid FaqirMuhammad	II	O. H. School, Nanded	
621	Wahid Ali Khan	Completed	do	
622	Muhd. Saifullah Khan	do	do	
623	Narayan Rao Deshpande	do	do	
624	Bala Pershad	do	do	
625	Sayyid Mushtaq Husaini	III	do	
627	Sayyid Muhammad Fazlur Rahman Jafari	II	O. H. School, Parbhani	
628	Muhammad Yaqoob	II	do	
630	Shankar Mandakchalikar	II	do	
632	Govind Vishnu	III	do	
635	Sayyid Abdul Karim	Completed	do	
636	Mir Mahbub Ali	do	do	
637	Ahmad bin Sayeed	do	do	
638	Narender Singh Chabdyel	do	do	
639	Sri Ramlu	do	do	
640	Ganpat Kulkarni	II	O. H. School, Jalna	
641	Muhd. Azazuddin	II	do	Failed in Theology
642	Muhd. Latafuddin	II	O. H. School, Brr	
647	Janardhan Narayan Rao Chapalgaonkar	III	do	
648	Khwaja Karimuddin Quraishi	II	do	
650	Muhd. Habibur Rahman	II	do	
659	Damodhar Vasdev Rao	II	do	
661	Mohan Rao Babalgaonkar	II	do	
662	Srinivas Rao	Completed	do	

Roll No.	Name	Class	School	Remarks
663	Ayisha Begum	II	Private	
665	Karim un Nisa Begam	Completed	do	
667	Muhd. Abdul Karim	III	do	
672	Vishnupant Bhole Rao	III	do	
673	Sayyad Ibrahim	Passed	do	
675	Ganpathar Rao Joshi	Completed	do	
676	Muhd. Nuruddin	II	Inter. Coll. ... Gulbargah	
678	Muhd. Abdu- Samad Sirajuddin	III	do	
679	Fazul Bari Abdul Alim	III	do	
680	Muhd. Maqsud Shah Khan	II	do	
681	Mir Asad Ali Wa-iBhadi	II	do	
682	Shaik Salam	II	do	
683	Ramchandra Ba	II	do	
684	Krishan Rao	II	do	
685	D. Narayan Rao D Sa-	III	do	
688	Muhd. Fakhrul Hasan	II	do	
689	Khee Mohd Khan	II	do	
695	Muhd. Fazlur Rahman	II	do	
697	Muhd. Abdul Hamid	III	do	
698	Sayyad Muhd. Husam	II	do	
700	Mohd. Husain Siddiq	II	do	
702	Muhd. Ismail	II	do	
704	Qadir Khan	II	do	
708	Madhav Rao Joshi	II	do	
709	Chalapa	II	do	
710	Nana Rao Kulkarni	II	do	
713	Venkat Rao Munvikar	II	do	
714	Hanmant apy	II	do	
716	G. S. Harihar	II	do	
717	Malkaram Gor	II	do	
718	Gopal Rao Hadgikar	II	do	
719	Sripad Bhat	III	do	

No.	Name	Grade	School	Remarks
720	Rudar-hti	II		
721	N. Ramachari	III		
722	Muhd. Bashir Ahmad Timani	Completed		
723	Yaqub Ali	do		
724	Shaikh Nabi	do		
725	Qamruzzaman	do		
726	Muhd. Abdul Majeed Ranjholi	do		
730	Sadashiv	do		
731	Manik Naik	do		
732	Sheshadri	do		
733	Parlhad Rao Nalgirkar	do		
734	M. Baswaraj Bande Bijlikar	do		
735	T. Baswant Rao	II	O. H. School, Yadgir	
736	Qazi Mohammed Minuddin Faruqi	II	do	
737	Manik Rao Afzalpurkar	III	do	
789	Sayeed bin Omar	III	do	
740	Sayyid Sadullah	II	do	
743	Narayan Rao Kalal Bandikar	II	do	
747	B. Ganda Chari	Completed	do	
748	Ghulam Mahbub	II	O. H. School, Raichur	
750	S. V. Deshpandya	II	do	
751	Muhd. Jafar Husam	II	do	
753	K. Hanmantachari	II	do	
755	M. Amrat Rao	II	do	
756	Narayan Gor	II	do	
757	N. Swami Rao	II	do	
760	A. Keshav Rao	II	do	
761	S. Narsingh Rao	II	O.H. School, Latur	
763	Muhd. Zainuddin Quranshi	III	do	
765	Narayan Gopal Rao Paryag	III	do	
766	Muhd. Sarfuddin Osavi	II	do	
767	Muhd. Ahmad Muhiuddin Siddiqi	II	do	
768	Muhd. Nasr Ahmad Siddiqi	II	do	
769	Muhd. Ibrahim	II	do	
771	Sayyid Muhd. Mahdi Hasan	II	do	Failed in Theology

Roll No.	Name	Class	School	Remarks
772	Ghulam Ahmad	II	O. H. School, Latur	
773	Naginath Rao Ajlankar	II	do	
774	Veshembhar Bhagwan Rao Patwari	II	do	
776	Keshev Lakshman Rao Sar Deshmukh	II	do	
778	Ahmad Sayeed Quraishi	Coughed	do	
779	Ganpat Rao Patwari	do	do	
780	Muhd. Abdul Qadir	II	O. H. School, Osmanabad	Failed in The post
782	Muhd. Nisar Ahmed Siddiqi	II	do	
783	Veshembhar Eshwar	II	do	
784	Eknath Keshav Rao Mahajan	III	do	
785	Shiv Ram	II	do	
786	Narayan Rao Deshpande	II	do	
787	Vasudev Deshpande	III	do	
788	Prabhakar Ram Keshen Panjwalkar	III	do	
789	Raghu Ram Amriti	Coughed	Priv.	
791	Muhd. Abbas Siddiqi	do	do	
792	Sayyid Nusrat	do	do	
793	Panduranggam D. A. Bhadgaon	do	do	
803	Ramchandra T. A. Latri	do	do	
808	Muhd. Ghulamuddin Ansari	do	do	
809	Hanmant Rao Natu	do	do	
810	Venkatt Rao Narsulkar	do	Wardhal	Passed in the first
816	Muhd. Naseej Jafree	III	do	
815	Muhd. Abul Kasem Khan	II	do	
817	K. Ram Rao	II	do	
818	R. Gajanna	II	do	
819	D. Raja Rao	II	do	
820	P. Venkati Siwan Rao	III	do	
822	Amir Khan	III	do	
823	Ahmad Muhooddin	II	do	
824	Muhd. Abdul Karim	II	do	
826	Muhd. Abdul Bari	II	do	

Failed in Theology

No.	Name	Class	School
827	Sayyid Manzur-ul-Husain	II	do
828	Muhd. Yazir Ali Afsar	II	do
829	Ahmad Obeidull ih	II	do
830	Sayyid Husain Ahmad Naqavi	II	do
832	K. Brahmanand Rao	I	do
833	B. Kris na Devi Reddi	I	do
834	Sayyid Mahmud	Completed	do
835	Sayyid Mahmud Qadri	do	do
836	Muhd. Sirajul Haq	do	do
837	Muhd. Nazir Ahmad	do	do
838	Muhd. Vazir Ali	do	do
841	Sayyid Nizamuddin	do	do
842	K. Kankaiya	do	do
843	G. Bhadraiya	do	do
844	R. Vishwanath Rao	III	Mathwada High School
845	Muhd. Sirajuddin	II	do
846	Miran Ghani Abdul Wahab	III	do
847	Vasudev Rao Nankjar	III	do
848	Muhd. Sirajul Hasan Siddiqi	Completed	do
849	Ghulam Jilani	do	do
852	G. Lakshmi Narayan Rao	II	O. H. School, Khammam
853	M. L. Narsihvan Rao	II	do
854	D. Satya Narayan	II	do
857	D. P. Kishen Rao	II	do
859	Sayyid Abbas Hyder Kazimi	Completed	do
860	N. Lakshmi Narsaiya	do	do
861	J. Venkat Rao	do	do
862	N. Ragholu	II	O. H. School, Karimnagar
864	Hamid Husain	II	do
865	Mirza Ab lullah Beg	II	do
866	Abdul Wahab	II	do
867	Sa yid Ahmad	II	do
869	B. Sattaiya	II	do
870	P. Rang Rao	Completed	do
871	Faqir Muhammad	Completed	do

Roll No,	Name	Class	School	Remarks
872	Ahmad Taqi Hasan Khan	.. Completed	O. H. School Karimnagar	
873	Jagnatham	..	do	
874	Prankshan Rao	..	do	
875	J. Alwafaiya	.. II	do	
878	Abul Ula Tajuddin Ahmad	.. Completed	O. H. School, Jas' wai	
879	Sayyid Mukhtar Ali W'risa	.. II	do	
880	G. R. Narsiya	.. Completed	O. H. School, Jaugiyat	
883	Ahmad Ghazan	..	do	
884	Mohd. Mahbub Ali	.. II	Pu. do	
885	Madhu Sudan	..	do	
887	D. Narasimha Reddi	.. Completed	do	
889	M. Vishwanaidam	.. III	do	
893	Jamil Ahmad Khan	.. Completed	do	
895	Mohd. Ni zam Khan	.. II	do	
891	Abdul Qassum	.. III	do	
848	Sayyid Iqbal Husain	.. II	do	
400	Imdar Karim	.. II	do	
401	C. H. Venkat Rao	.. Completed	do	
403	Mohd. Amen	.. do	do	
405	Amrat Lal	.. II	Mes. J. to. H. C. H. S. Jaun.	
909	L. Madhu-sudhan Rao		[Pla-Te]	
912	Ausaf Rasul	.. II	do	
916	Abdul Hafiz	.. III	do	
918	Muhammad Ali Khan	.. II	do	
919	Maqbul Ahmad	.. II	do	
921	Sri Krishen Chand	.. III	do	
923	Sa yid Majid Ali	.. Completed	do	
927	Abdur Rashid Khan	.. II	do	
928	Munir Ahmad	.. II	do	
931	Tahziuddin	.. II	do	

982	Muhd. Mustahsan	..			do
934	Lakshmi Narayan	..		II	do
935	Shanti Narayan Varma			II	do
936	Ram Srup Varma	..		II	do
937	Iftikhar Ahmad	..		II	do
938	Aziz Ahmad	..		II	do
942	Nifasat Ali Khan	..		II	do
944	Ghayur Husain Alvi	..		II	do
947	Sayyid Muhd. Ahmad Sabzwari			II	do
948	Sayyid Abrar Ahmad	..		II	do
949	Fazlur Rahman	..		II	do
950	Shambhu Dayal	..		II	do
952	Sayyid Mubarak Husain			Completed	do
953	Shamshad Ali	..		do	do
954	Muhd. Kalimuddin	..		do	do
956	Shivnath Pershad	..		III	Private
957	Mashkur Ali	..		II	do
959	Sayyid Ajaz Ali	..			do

INTERMEDIATE EXAMINATION, 1340 F. (1931).

Roll No.	Name	Class	College	Remarks
8	Mirza Abdus Sattar Beg	II	Osmania University College	
4	Muinuddin Ahmad	III	do	
5	Muhammad Abdul Qadir	III	do	
6	Muhammad Shaikh Shafatullah Qureshi	III	do	Failed in Theology
10	Muhd, Sultan Muhinddin	III	d	
11	Muhamma, Rafiuddin Ali Khan	III	do	
12	Muhammad Ashaq Hussin	III	do	
14	J. H. Subbaiya	III	do	
15	K. Umanapati Rao	III	do	
17	P. Venkat Ram Rao	II	do	
19	ayyi. Abdul Majid	II	do	
20	Sayyid Abdul Majid Razvi	II	d.	
22	Mohammad Yusof 'ddin Ansari	II		
24	M.h-ammad Mahmud Ali	II	d.	
28	Sayyi. A chal Mannan	III	0	
29	Mu_ammad Salma Muhinuddin Siddiqi	III	d.	
32	Sayyid Abdul Hamid Bokhari	III	d.	
33	ay id H mid Shattari	III	d.	
38	Sayyid Yunus	III	d.	
39	Mohammad Misrut din Ahmad	II	d.	
41	Mufti Muhammad Aharrat-ul-Haq	II	d.	
42	Sayyid Abbas Ali	II	Ex-student	
44	Muhammad E-bullah Sid'iqu	III		
45	Muhamn.d Nasir Hussin Siddiqi	III	d.	
47	D. Chandarayya	III	d.	
48	Rai Sham Mohan Lal	III	d.	
58	Rai Ranga Parshad	III	d.	
59	Muhammad Abdul Rahman Sayeed Siddiqi	II	d.	

		Class	College	Remarks
61	Sayyid Mahdi Ali	III	do	Passed in Morals
65	Sital Singh	III	do	
68	Abdul Ghaffar Beg	Completed	do	
73	Sripat Rao Phatak	Completed	do	
75	Muhammad Abdul Ghani	III	City Inter. College	Failed in Theology
76	Muhammad Zahir-ul-Afaq Faridi	III	do	
77	Muhammad Ghulam Jilani	III	d.	
78	Muhammad Qamruddin	II	do	
79	Muhammad Munirud din	II	do	
80	Mohammad Ghaus Siddiqi	II	do	
81	Mir Faruq Ali	II	do	
82	Mirajuddin Ahmad	III	do	Failed in Theology
83	Muhd. Abdullah	III	do	
84	Sayyid Abdul Basit	III	do	
85	Sayyid Abdul Mannan	III	do	
88	Muhammad Kalimullah	III	do	
86	Muhammad Abdul Rashid Khan	II	do	
90	Sayyid Nawazish Hasan	II	do	
91	Wahid Baksh	III	do	
92	Khwaja Ghulam Gauhar Ali Khan	II	do	
97	Sayyid Bahbud Ali	II	do	
98	Ashiq Husain	II	do	
99	S. Venkateshwar Rao	III	do	
100	Narayan Rao	II	co	
101	Raghvender Rao	II	do	
104	P. Venkat Ram Narasaiya	II	do	
106	Mirza Mahmud Ali Beg	III	Ex-Student	
108	Mohd. Karimuddin	III	do	
113	Mir Musharraf Ali	III	Inter. College, Aurangabad	Failed in Theology
116	Sayyid Azizuddin Magharabi	III	do	
117	Mir Qudrat Ali	III	do	
119	Qazi Mahbub Muhiuddin Ahmad	III	do	
122	Muhammad Abdul Rashid Khan	III	Warangal Inter. College	
124	Kamaraj Ganpat Rao	III	do	
125	B. Kanayya	I	do	

Roll No.	Name	Class	College	Remarks
126	G. Bapu Rao	II	Warangal Inter. College	
127	P. Narayan Rao	II	do	
180	Sayyid Abdur Rahman Hashmi	II	Osmania University College	
183	Sayyid Mahmood Hassan Bilgrami	III	do	
187	Aziz Ahmad	III	do	
188	Muhammad Manaauddin Shahpuri	III	do	
189	Venkat-esh Bapeu Rao Joshi	III	do	
144	Narsing Rao Mohurk	III	do	
145	Muhammad Abdul Aziz	III	do	
148	Sayyid Muhammad Ayaz	III	do	
149	Trimal R.	III	do	
150	Shankara	III	do	
151	Har Mohan Lal	II	do	
152	Sayyid Riasuddin Barkatullah	III	do	
153	Ramchander Rao	III	do	
156	Muhammad Abul Aziz	III	do	
159	Lala Bindhu Prasad	III	do	
160	Chandra Kar Thrana	III	do	
162	Hafiz Samiulla	III	do	
163	Bu Wa Zaheeruddin	III	do	
164	Sayyid Watchakir Husain	III	do	
166	Mahboo and Aminuddin	III	do	
170	Lakshmi Narayan Krishna	III	do	
171	Seth ki Das	III	do	
172	Khwaja Abdul Wajid Ansari	III	do	
177	V. Murtaza Rao	III	do	
178	Muhammad Ibrahim Khan	III	matriculated	do
180	Ahmaduddin Wali Ahsan		do	do
181	Siddiq Ahmad		do	do
182	Sayyid Iqbal Ahmad			

No.	Name	Class	Institution	Result
183	Sayyid Abdul Hadi	do	do	Passed in March
185	K. Srinavas	do	do	do
186	M. V nkata Chalam	do	do	do
187	P. Mahadev	do	do	do
188	Muhd. Aminuddin	III	City Inter. College	Failed in Theology
189	Ghulam Muhammad Khan	III	do	do
192	Mir Hasan	II	do	
193	Abu Abdullah	III	do	
194	Muhd. Imaduddin	III	do	Failed in Theology
195	Sayyid Muslehuddin	III	do	do
196	Sayyid Raziu din	III	do	do
197	Muhd. Ghausuddin	II	do	
199	C. S sheir Rao	III	do	
201	Mir Iqbal Ali Khan	II	Ex-student	
203	C. Daleh and Singhu	Completed	do	
206	Manzoor-ul-Amin	III	Aurangabad Inter. College	
207	Abdul Hamid Khan	III	do	
208	Vinayat Rao Poojari	III	do	
209	Bapoo Rao Takilkar	III	do	
210	Marwati Joshi	II	do	
212	Ali Ahmad	III	do	
215	Bhagwan Rao Deshpandiya	III	do	
216	Pandit Rao	III	do	
218	Balwant Rao	III	do	
219	Safiuddin	Completed	do	
220	Govind Rao Bhule	do	Ex-student	
222	Muhammad Sharf-ul-Haq Qureshi	III	do	
223	Dattatrayya Mahadev Rao Moonjikar	III	do	
224	Bhimkishun Rao Wagmare	Completed	Warangal Inter. College	
225	Mahammad Ismail Jalil	III	do	
226	Muhammad Ahmad Husain	III	do	
227	Muhammad Maulana	III	do	
228	Muhammad Khalifatullah	III	do	
229	Khwaja Mohammad Azizullah	III	do	
230	Keshav Rao	III	do	

Roll No.	Name	Class	College	Remarks
251	P. Kishan Rao	II	Warangal Inter. College	
28?	Par ha Venketeshwar Rao	III	do	
254	M. Nil kantam	II	Ex-student of	
256	Salamat-un-Nisa Begam	III	Women's College	
242	Sayyid Shah Fasihullah Husain	III	Private	
246	Azizuddin Ahmad	Completed	do	
249	Ra hvender Rao	III	do	
250	Sayyid Mahmud al	III	do	
252	Muhammad Abdul Rahman Sharf	Completed	do	

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Roll No.	Name	Class	College	Remarks
10	Sayyid Abdul Latif	III	Osmania University College	Failed in Theology
11	Mohd. Ahmad	III	do	do
12	Mohd. Ghausuddin	III	do	do
13	Mir Mosiquddin	III	do	
16	Mohammed Samiullah Khan	III	do	
17	Ahmed Mohiuddin	I	do	
18	Mohammad Iqbal Ahmad Siddiqi	II	do	
20	Nasr Mohd. Khan	II	do	Failed in Theology
21	Shah Mohammad Kalimullah Qadri	III	do	
25	Mir Mohammad Ali	III	do	
26	Mohammad Abdul Rashid	III	do	
28	Haji Muhammad Khan Kamalan	II	do	
32	Sayyid Karim Rahman Musavi	II	do	
33	J. Venkat Narsaiya Rao	III	do	
35	P. R. Ind Moran	III	do	
36	D. T. Bhaskar	III	do	
37	Rachmatan Raj	II	do	Failed in Theology
39	Mohd. Mahmood Ali	II	do	
41	Mohammad Qadir Husain	I	do	
42	Mohammad Abdul Qadir	II	do	
43	Mohammad Abul Mujib	II	do	
44	Abu Fazl Sayyid Mohammad Sidnat Qadri	II	do	
45	Mohammad Aftab Ahmad Siddiqi	II	do	
46	Mohammad Ahmaduddin Husain	II	do	
49	Qazi Mohammad Abdul Hadi	III	do	
50	Mohammad Tahir Husain	III	do	

No.	Name		Class	Status	Remarks
51	Muhammad Mahboob	: :	II	d.	Failed in Mor.l
53	Sayyid Hamid Ali Qadri	: :	II	d.	do
54	Muzaffar Ali Khan	: :	III	d.	do
60	Shaikh Shafaqqat Ali	: :	II	do	
61	B. Narshivan Reddy	: :	II	do	
62	Shiv Pershad	: :	II	do	
63	Degumbar Rao Deshpande	: :	III	do	
64	B. Ramchandcr Rao	: :	III	do	
67	Sayyid Shah Ibrahim Nahri	: :	III	do	
73	Liaqat Ali Khan	: :	II	Ex-student	
75	Muhammad Noor-ul-Islam Khan	: :	III	do	
77	Hanif Ahmad Khan Ansari	: :	III	do	
82	Muhammad Hanif	: :	III	do	
86	Muhammad Hidayat Ali	: :	III	do	
87	Mir Enayat Ali	: :	III	do	
89	Muhammad Abdul Qadur	: :	Completed	do	
94	Muhammad Sharfuddin	: :	do	do	
95	Muhammad Abdul Wahid	: :	do	do	
96	Muhammad Wajid Ali Khan	: :	II	do	
98	Muhammad Ishaq	: :	II	City Inter. College	
99	Husain Luttfullah	: :	III	do	
100	Khwaja Ahmad	: :	III	do	Failed in Theology
101	Aziz Ali Khan	: :	II	do	
102	Mir Asad Ali	: :	III	do	
103	Sayyid Hasamuddin	: :	II	do	
104	Mu d. Shahbuddin	: :	III	do	Failed in Theology
105	Muhd. Karimullah	: :	III	do	
109	M. Narsing Rao	: :	II	do	Failed in Theology
111	Ram Chander	: :	II	do	
112	Rajeshwar Rao Kache	: :	I	do	
113	N. A. Sesha Charya	: :	III	do	
115	Y. Veerapakash Yadgir	: :	Completed	Ex-student	
116	Muhammad Mahbub Alam	: :	do	do	
124	Ghulam Nabiullah Ahmad	: :		do	
125	Malik Akbar Ali Khan	: :		do	

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Roll No.	Name	Class	College	Remarks
128	Sayyid Yusunddin Maghrabi	II	Aurangabad Inter. College	Failed in Theology
129	Sayyid Muhammad Sidiq Ali Abbasi	II	do	
130	Muhammad Abdul Hamid	II	do	Failed in Theology
131	Vali Muhammad Khan	II	do	
132	Muhd. Ab ul Wahid Quraishi	III	do	
135	Muhammad Abdul Latif	III	Ex-student do	Failed in Theology
136	Ramchandar Govind Rao Nanjapoorkar	III	do	
138	Muhd. Hashim	III	Warangal Inter. College	
141	M. Ram Narsihan Rao	III	do	Failed in Moral-
143	G. Venkat Narsheiah Reddy	III	do	
144	K. Vishwanath	III	do	
145	P. Venkat Appa Rao	III	do	
146	Gopal Narayan	III	do	
151	Muhammad Azad-ur-Rahman	III	Osmania University College	
153	Muhammad Nusrat Abbas	III	do	
155	Muhammad Ali Rao	III	do	
160	Sayyid Muslim	III	do	
161	Muhammad Rashir Husain	III	do	
162	Mir Nasruddin Ali Khan Sahabzada	III	do	
163	Shah Muhammad of Alam Nizami	III	do	
164	Sayyid Bari Chandon	III	do	
167	Hasan B. Patel	III	do	
168	B. Sitaram Achari	VI	do	
160	B. Ranga Rao	III	do	
172	Govind Pershad Sao	III	do	
178	S. Narayan Rao	III	do	
174	Govind Rao Bhopatka	III	do	
177	M. Ram Singh	III	do	Failed
179	J. Toka Rao	II	do	

No.	Name		Grade	Institution	Remarks
160	S. M. Chatenpakai	...	II	do	Failed in Morals
183	Abu-ul-Nasr Sharful ?in Khalidi		III	do	
184	Muhammad Dalifuddin Siddiqi		III	do	Failed in Theology
186	Sayyid Ahmad Muhiuddin Qadri		III	do	
187	Nawab Muhd. Zahiruddin Khan		II	do	
189	Mir Zahid Ali Kamil		II	do	
191	Mir Abid Husain		II	do	
192	Sayyid Ali		II	do	
193	Muhd. Ahmad Mohiuddin Siddiqi		III	do	
195	Abul Khair Sayyid Ibrahim Husain		II	do	
196	Muhammad Husain		II	do	
197	Khwaja Husain		II	do	
198	Mohsin bin Shabbir		II	do	
199	Sayyid Omar		III	do	
200	Muhammad Ghaus		III	do	
201	Muhammad Rasiol Khan		II	do	
203	Sayyid Mohammad Abdul Halim		II	do	
204	Muhammad Abdul Qadir		II	do	
205	Harishchander Heda		II	do	
209	K. Venkat Ram Rao		II	do	
210	B. Kishan Rao		III	do	Failed in Morals
211	Srinivas Rao		III	do	
213	Chandu Rao		III	do	
214	Sham Sundar		III	do	
215	Sayyid Ghulam Ali		Completed	Ex-student	
221	Mohammad Ahmadullah Khan		III	do	
222	Mohammad Abdul Moiz Khan		Passed	do	Failed in Theology
227	Sayyid Abu Abdullah		Completed	do	
229	Mazhar Ali Khan		do	do	
231	Rai Hira Lal Koticha		do	do	
232	Bhima Chari Gorehanta		do	Ex-student O. U. College	
233	Ambadas Rao Pathak		do	do	
235	Mohammad Sultan Mohiuddin		do	do	Passed in Theology
236	Mohammad Maqloom Mohiuddin		do	City Inter. College	do
237	Sayyid Mahmool		III		

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Roll No.	Name	Class	College	Remarks
240	Mohammad Abdul Quayoom	II	City Inter. College	Failed in Theology
241	Nasiru ldin Ahmad Siddiqi	II	do	
242	Muhd. Vaqaruzzaman	III	do	
243	Mir Iqbal Ali	I	do	
244	Azizur Rahman	III	do	
247	Venkat Rao Jadhav	III	do	
218	Sayyid Badsha Ali	III	do	
251	Mohammad Fakhruddin Ahmad	III	do	
254	Mohammed Abdul Karim Mohir	III	Ex-student	Failed in Theology
256	Mirza Zafrul IIasan	III	do	Failed in Theology
258	M. Kisen Rao	III	do	
259	Muhd. Abu Sayed	III	do	
260	Sayyid Fida Husain	Completed	do	Passed in Theology
261	Ghulam Rasool	do	do	do
262	Trimbak Rao Gangakharkar	I	do	I
263	Mohammad Imamuddin	do	do	do
264	Sayyid Rafiuddin	do	do	
265	Sayyid Mohinuddin	I	do	
266	Mohammad Aminuddin	III	Aurangabad Inter. Coll.	
267	Muhammad Qamruddin	III	do	
268	Habib Ahmad Khan	III	do	
269	Sayyid Nasir Ali	II	do	
271	Mesh Raj	II	do	
273	Mohammad Mohiuddin	II	do	
274	Mohammad Qamruddin Husain	II	do	
275	Mohammad Karimuddin	III	do	
276	Trimbak Rao	III	do	Late in Math
278	Dattatri Takalkar	III	Ex-student	do
279	Anaji Gokhale	Completed	Warangal Inter. Coll.	Passed in Theology
280	Mir Musharrat Ali	III	do	
281	Muhammad Abdul Qadir Subhani			

No.	Name	Class	College	Remarks
285	Mir Sh.h..war Ali			do
28?	M. Ramchander Rao			do
287	F. Naz Reddy			do
288	Shaikh Lal		Completed	
289	Zohra Begam	III	Inter College	
290	Khudaija Begam	III	Women's College	
292	Latif-un-Nisa Begam	II	Ex-student	
298	Yusuf-Zaman Khan		Completed	Private
			Private	do

INTERMEDIATE EXAMINATION 1342 F. (1933)

No.	Name	Class	College	Remarks
188	Narayan Rao Kharsalc	I	City Inter. College	
220	Ali Ather	I	Osmania University College	
221	Abdul Hamid Khan	III	do	
9	Muhd. Jafar	II	do	Failed in Theology
10	Abul Khair Muhd. Faruq Siddiqi	II	do	do
11	Muhd. Mazharuddin Ahmad	II	do	
12	Muhd. Rafi-ul-Hasan Ansari	III	do	
13	Muhd. Abdul Jabbar Faruqi	II	do	Failed in Theology
14	Muhd. Qutbuddin	III	do	do
16	Muhd. Muinuddin	III	do	
18	Sayyid Ghausuddin	III	od	
19	Masood Ali Khan	III	do	
23	Qazi Sayyid Abdur Rashid	III	do	do
30	Sayyid Mosa	III	do	do
32	Muhd. Qasim Ali	III	do	
33	Mirza Rafatullah Beg	II	do	Failed in Morals
36	Muhd. Sharfuddin Khan	III	do	
40	Har Pershad	III	do	
41	S. Rupkaran	III	do	
42	J. Vishwanath Rai	III	do	
43	Anant Rao Joshi	III	do	
44	Kishen Rao Manvikar	II	do	
47	Mahender Raj Saksena	III	do	Failed in Morals
48	Timmalpalli Narayan Reddi	II	do	
59	Vishwanath Rao Jadhau	II	do	

Roll No.	Name	Class	College	Remarks
60	T. V. Vardhacharya	II	Osmania University College,	
61	Harischander Asthana	III	do	
77	Sayyid Mehdi Ali	Completed	Ex-student, O. U. C	Failed in Theology
79	Latiful Hasan Burni	III	do	
80	Ghaus Muhammad	II	do	
83	Abdus Sami Ahmed	III	do	
84	Sayyid Alimuddin Ahmad	III	do	
93	Muhd. Imamuddin	Completed	do	Passed in Theology.
99	Muhd. Ghausuddin	do	do	do
100	Nazr Muhd. Khan	do	do	Passed in Morals
106	Shiv Pershad	do	do	Failed in Theology
109	Khwaja Muhd. Izzatullah	II	City Inter. College	do
111	Muhd. Kifayat Ali	III	do	
112	Muhd. Abdul Wahab	II	do	
113	Sayyid Khwaja Mahbub Husain	II	do	
115	Sayyid Bashiruddin	III	do	Failed in Theology
116	Muhd. Abdul Karim	III	do	
120	Muhd. Khadim Husain	III	do	
126	Muhd. Shaukatullah	II	do	
127	Ahmad Abdul Aziz	III	do	Failed in Theology
183	Srinivas Rao	II	do	
187	K. Venkat Srinivas Rao	II	do	
153	B. Sitaram Rao	Completed	Ex-student, City Inter. College	
154	Muhd. Abdullah	do	do	Passed in Theology
156	Muhd. Shahabuddin	do	do	do
157	Muhd. Karmatullah	do	do	do
163	Shripad Deshpande	II	Inter. College, Aurangabad	
170	Muhd. Abdul Wahid Quraishi	Completed	Ex-student Inter. College, Aurangabad	Passed in Theology
171	Muhd. Abdullah	II	Inter. College, Warangal	
172	Muhd. Rahimuddin	III	do	Failed in Theology
173	Sayyid Zahiruddin Ahmad	III	do	
177	Pandadhar Ramchander Rao	II	do	Passed in Theology
185	Muhd. Hashim	Completed	Ex-student Inter. College, Warangal	
187	Muhd. Abdul Wahid	III	do	Failed in Theology
190	Digambar Rao	III	do	Failed in Morals
193	Muhd. Abdul Hakim	III	Os. University College	
197	Sayyid Muinuddin Shahbaz	III	do	
198	Sayyid Ahmad Razvi	II	do	Failed in Theology
200	Ahmad Abdul Latif Mahajir	III	do	
201	Muhd. Nasrullah	III	do	
208	Srinivas Rao	II	do	
214	Fazl Ilahi Khan	II	do	
215	Muhd. Abdul Hai Khan	III	do	Failed in Theology
225	M. Venugopal Reddi	II	do	
226	M. V. Madhu Rao	II	do	
232	Sardeshpande Das Rao	III	do	
246	M. Sardar Singh	III	Ex.-student O. U. C	Failed in Morals
248	Gangadhar Rao	III	do	
253	Abul Barkat Sayyid Muhd. Murtaza	Completed	do	
254	Sayyid Muhd. Raza Razvi	do	do	
259	Uma Shanker Sankai	do	do	Passed in Theology
262	Nawab Muhd. Zahiruddin Khan	do	do	Passed in Morals
263	S. M. Chatgopakar	do	do	do
265	Srinivas Rao	do	do	do
266	M. Ram Singh	II	City Inter. College	
268	Muhd. Ismail Ali Khan	II	do	
269	Muhd. Rafiquddin Ahmad	III	do	
272	Khwaja Rashiduddin	III	do	
273	Sadashiv Rao	II	do	
274	Narayan Rao Sarraf	II	do	Failed in Theology
279	Sayyid Abul Fazl	III	do	
282	M. Moinuddin Tusi	Completed	Ex-student City Inter. College	
284	Muhd. Abdur Razzaq			

INTERMEDIATE EXAMINATION, 1342 F.—(1933)

Roll No.	Name		Class	College	Remarks
286	Shah Abrar Ahmad	: :	Completed	City Inter. College	Passed in Theology
291	Muhd. Viqaruz Zaman	: :	do	do	do
293	Muhd. Abu Sayeed	..	do	Inter. College Aurangabad	
296	Maqsood Ali Khan	..	II	do	Failed in Theology
297	Sayyid Sikander Ali	: :	II	do	
300	Har Pershad Varma	: :	III	do	
304	Vasant Dharwadkar	: :	II	do	Failed in Moral-
309	Muhd. Abdul Jabbar	: :	III	do	
310	Muhd. Hafiz	: :	III	do	
311	Muhd. Khwaja Muinuddin		III	do	Failed in Theology
312	Muhd. Shabuddin		II	do	
313	Sayyid Abdus Samad Razvi		II	do	do
314	Muhd. Mahmud Ali	: :	II	do	
315	Muhd. Abdul Aziz	..	III	do	Failed in Theology
316	Komdappa Kankaya		III	do	
317	Kamraj Ishwar Chand Vidyasagar		II	do	
318	T. Lakshmi Narayan		II	do	
320	Lakshmi Narayan Acharya		III	Inter. College Gulbarga	:
424	Sayyid Najmuddin	: :	III	do	:
328	Manohar Redekar	: :	III	Womens College	
327	Sayeediya Begam	: :	II	Private	
336	Qadri Ahmad Mohsin Abi		III	do	
335	E. Ram Rao	: :	III	Private	
344	Mir Hyder Ali	: :	II	do	
347	Sardar Singh	: :	II	do	
348	Kishen Lal Sexena	: :	Completed	do	
350	Sayyid Mohd. Sadiq	: :	III	Institution Day	

B. A. EXAMINATION 1882 I. (1925.)

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name				Class	Remarks
81	Sayyid Husain	...	...	...	I	
64	Mir Wahiduddin	...	...	...	I	
58	Muhammad Salahuddin	...	...	...	I	
79	Ahmad bin Abdullah	...	...	...	I	
31	Mir Siadat Ali Khan	...	...	...	I	
84	Muhammad Ziauddin Ansari	...	...	...	I	
78	T. Murtinji Rao	...	...	...	I	
56	Sayyid Abdul Alm	...	...	...	I	
2	Yusufuddin Ahmad Siddiqi	...	...	...	II	
3	Muhammad Rauful Hasan Quraishi	...	...	...	III	
4	Habib Hasanuddin	...	...	...	II	
6	Muhammad Abdul Alim	...	...	...	II	
7	Sayyid Muhammad Ahsan	...	...	...	III	
8	Muhammad Fida Ah Khan Faruqi	...	...	...	III	
9	Muhammad Abdus Sattar	...	...	...	III	
10	Sayyid Anisuddin Ahmad	...	...	...	II	
11	Sayyid Wilayat Ali	...	...	...	III	
12	Sayyid Shafiuddin Ahmad	...	...	...	III	
14	Sahibzada Khawja Mir Ahmad Ali	...	...	...	III	
15	Abul Fakhar Muhammad Abdul Wahid	...	...	...	III	
18	Mir Jafar Ali Sadiq	...	...	...	III	
19	Muhammad Wazir Ali	...	...	...	III	
20	Muhammad Waliullah	...	...	...	III	
21	Latif Ahmad Faruqi	...	...	...	III	
22	Abdul Aziz Khan	...	...	...	II	
28	Sahibzada Khawja Mir Muhammad Ali	...	...	...	III	

Roll No.	Name			
24	Sahibzada Mir Kazim Ali Khan	..	..	..
25	Qari Sayyid Kalimullah Husaini	..	..	..
26	Muhammad Abul Hasan	..	..	..
29	Budh Singh Yadu	..	..	..
30	Ramchandar Rao Kartarikar	..	..	..
32	Muhammad Akbar Ali Khan	..	..	..
33	Shaikh Ali Husain	..	..	..
34	Abdul Majid Siddiqi	..	..	..
38	Sayyid Muhammad Hasan Askari	..	..	..
42	Sayyid Abdul Naim	..	..	..
43	Mir Mahmud Ali	..	..	..
44	Sayyid Asadullah Rizvi	..	..	..
45	Hallay Rao Kulkarni	..	..	..
46	Hanmanth Narayan Patankar	..	..	..
50	Sayyid Ahmad Ali Kirmani	..	..	..
51	Ghulam Ghaus Khan	..	..	.
52	Muhammad Nizamuddin	..	..	..
53	Ahmad Abdul Bashir Khan Arab	..	..	..
55	C. P. Naganna	..	..	..
57	Sayyid Muinuddin Quraishi	..	..	..
59	Muhammad Sanaullah Sharif	.	..	..
60	Mir Hasanuddin	..	..	..
61	Qurban Ahmad	..	..	..
62	Hidayat Ahmad	..	..	..
63	Mahmud Ali Beg	..	..	..
65	Muhammad Abdur Rashid	..	..	..
66	Muhammad Kahrauddin Ansari	..	..	..
67	Manik Rao	..	..	..
68	Narhar Narsiwan Rao Wargantiwar	..	..	..
69	Shesh Rao Kambkar	..	..	..

70	Krishan Rao Deshmukh	..	..	..
71	Krishnachari Joshi	..	..	..
72	Govind Panduharinath Kulkarni	..	..	..
73	Pandoji Dhagay	..	..	..
74	Raghubir Parshad Saksina	..	..	..
75	Ramchandar Rao Manjaramkar	..	..	..
76	Muhammad Azizur Rahman	..	..	..
77	Muhammad Ahmad Osmani	..	..	..
80	Muhammad Sharfuddin	..	..	..
82	Abul Muzaffar Muhammad Maqbul Ali	..	..	..
83	Muhammad Naziruddin	..	..	..

PRIVATE CANDIDATES.

86	Aga Muhammad Ahsan	..	..	..
87	K. Ram Krishan Rao	..	..	..
88	Ali Musa Raza Mahajir	..	..	..
89	Ghulam Qadir	..	..	..
90	Sayyid Abdul Rahman	..	..	..
91	Muhammad Abdul Aziz	..	..	..

Class	Remarks
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B. A. EXAMINATION 1333 F.—1924.

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
58	Sayyid Mahmud Alam	I	
60	Muhammad Wazir Ahmad Quraishi	I	
43	Khwaja Moairuddin	I	
1	Saif bin Sultan Hussain-ul-Qaiti	III	
2	Muhammad Ataur Rahman	III	
8	Muhammad Abdul Muiz	II	
6	Khwaja Muinuddin	III	
7	Raza Muhammad Khan	III	
9	Sayyid Abdul Alim	II	
10	Sayyid Ahmad Ali	III	
11	Muhammad Habibullah Rashdi	II	
12	Muhammad Murtaza Husain Faiq-ul-Quraishi	II	
13	Muhammad Husain Siddiqi	III	
14	Mirza Ziauddin Beg	III	
15	Muhammad Muizuddin Quraishi	III	
16	Azizuddin Ahmad Siddiqi	II	
19	Eknath Yeshan Bhakt	II	
20	Raghunath Rao Bhonsan	II	
21	Renuka Das Rao	II	
22	Narayan Rao Nandgaonkar	III	
23	Prahlasaza Narayan Rao	III	
24	Sayyid Ghouse Mohiuddin	II	
25	Sayyid Ameeruddin	III	
26	Sayyid Qalandar Hussan	II	
27	Faiz Muhammad Khan	II	
29	Muhammad Abdul Aziz	II	
30	Muhammad Fazlu bin Ansari	II	

No.	Name			
22	Mir Siddiq Ali			III
33	Muhammad Abdul Jabbar Subhani			III
38	Sayyid Anwar Husain Rizvi			II
39	Sayyid Ibrahim Rizvi			II
41	Sayyid Fazlul Haq			III
42	Muhammad Ilyas Khan			III
46	Bhujang Rao Chakshe			III
47	Pasnamla Narsinha Rao Sharma			II
48	Dattatry Rao			III
49	Ahmad Husain Khan			III
50	Khwaja Ziauddin Ahmad			III
51	Sayyid Shah Ali Sani Nahri			III
52	Sayyid Abdul Jabbar			III
53	Muhammad Jahangir Ali Siddiqi			III
56	Haidar Mirza			III
57	Shiv Mohan Lal Mathur			II
59	Muhammad Zakiuddin			III
61	Abul Fath Nasrullah			III
62	Muhammad Muniruddin			III
71	Sayyid Sibte Nabi			III
78	Parihad Rao Dandote			III
80	Abdul Latif			III

PRIVATE.

83	Sayyid Nadimul Hasan Rizvi			II
86	Muhammad Azizuddin			II
87	Muhammad Abdul Ali			III
88	Kesho Vaman Indorkar			III
89	Ghulam Tayyib			II
91	Naushaba Khatun			II

B. A. EXAMINATION 1884 F.—(1925).

OSMANIA UNIVERSITY COLLEGE.

Roll. No.	Name	Class	Remarks
94	Muhammad Razauddin Siddiqi	I	
59	Chaturvedi Narayan Das	I	
63	Sayyid Ahmad Sharif	I	
1	Yusuf Husain	III	
3	Sayyid Ghulam Mohinuddin Qadr	II	
6	Muhammad Amir	II	
7	Muhammad Abdul Qadir Sarwar	II	
8	Mirza Nasir Ali Beg	III	
12	Shaikh Farid Husain	III	
2	Bahadur Ali Khan Bozai	II	
15	Aziz Ahmad Khan	III	
16	Muhammad Sayeed	III	
19	Aga Mohammad Ali	III	
23	Radha Ram Kishan Rao	II	
25	Madho Hari Marhikar	III	
26	Parbhakar Bateswar Sawatkar	II	
27	Sitaram Ram Rao Mardhekar	II	
28	Bhikaji	III	
30	Sayyid Muhammad Akbar Wataqar	III	
31	Mir Wajis Ali	II	
32	Sayyid Zacob Arifus Riza	III	
33	Muhammad Muzaffaruddin Khan	III	
38	Abu Tayyab Zahiruddin Ahmad	II	
41	Muhammad Abdur Rauf	II	
46	Mohammad Abdul Rashim Khan	III	

No.	Name			
47	Muhammad Hamiduddin Mahmud	..	..	II
49	Jiwan Rao Bahadraunkas	..	..	III
52	J. Sangaiya	..	..	III
54	Govind Rao Deshpande	..	..	II
58	Prankasham Narayan Swami	..	..	III
60	Praveli Anant Ramaiyya	..	..	III
61	Sarva Deo Bhatla Venkat Ramaiya	..	..	II
62	Sayyid Mubarak Husain	..	..	III
64	Sayyid Rafiuddin	..	..	III
65	Sayyid Ainuddin Abid	..	..	III
66	Sayyid Zaeul Haq	..	..	II
67	Sayyid Yusuf	..	..	III
68	Sayyid Muhammad Husain	..	..	II
69	Imtiyaz Husain	..	..	III
71	Mahtab Ali	..	..	II
72	Ahmad Abdul Wali Fiza	..	..	III
73	Abul Khairat Muhammad Kamaluddin	..	..	II
76	Muhammad Abdul Wahid	..	..	III
82	Muhammad Zahurul Hasan Quraishi	..	..	III
86	Manohar Singh	..	..	II
87	Benkat Parshad	..	..	III
88	B. N. Dwarkanath Iyengar	..	..	III
92	Raghunath Kache	..	..	III
99	Muhammad Afzaluddin	..	..	II
100	Muhammad Ibrahim	..	..	III
101	Abul Hayat Muhammad Abdul Qadir	..	..	III
103	Muhammad Sardar Khan	..	..	II
104	Muhammad Abdul Hafiz	..	..	III
106	P. N. Srikashan	..	..	III
107	G. N. Sharma	..	..	III
109	Habib Zaimil Abidin	..	..	II
110	Sahibzada Abdus Sattar Beg Taimuri	..	..	III
111	Sayyid Wiqar Ahmad	..	..	II
112	Mobin-uz-Zafar	..	..	III
113	Muhammad Sultan	..	..	III

B. A. Examination 1364 F.—(1925).

Roll No.	Name	Class	Remarks
	OSMANIA UNIVERSITY COLLEGE.		
114	Sayyid Ghulam Qadir	III	
117	Sayyid Zafar Husain Zaidi	III	
118	Sayyid Muhammad Kazim Ali Khan	III	
119	Sayyid Fasihuddin Ahmad Kazimi	III	
122	Wa-ud Husan Khan	III	
123	Sayyid Muhammad Noman	III	
124	Muhammad Abdul Rahman	III	
126	Muhammad Yahya Osmani	III	
127	Babu Rao Kashikar	III	
129	Sayyid Muhammad Husan Rizvi	Completed	
132	Sayyid Ahmad Ali	do	
135	Sayyid Ahmad	do	
136	Muhammad ul Husan Khan		
	PRIVATE.		
139	Mirza Osman Ali Beg	III	
140	B. Keshava	II	
141	S. V. Shastri	III	
143	Muhammad Abdul Aziz	III	
145	Muhammad Abuzar Khan	III	
147	Narayan Singh	III	
151	Fakhruddin Ahmad	II	

B. A. EXAMINATION—1335 F. —1926.

OSMANIA UNIVERSITY COLLEGE.

75	Hamid Ahmad Khan	..	..	I
1	Sayyid Md. Yunus Vafaqani	..	..	II
4	Sayyid Yasin Ali Khan	..	..	II
7	Md. Ghaus Muhiuddin	..	..	II
8	Mirza Kazim Ali ..	..	..	III
9	Inayat Khan	..	..	II
10	Kodati Venkateshwar Rao	..	..	II
11	Hendla Sitaram Rao	..	..	II
15	Sayyid Aminuddin Husain	..	..	III
18	Ahmad Abdul Hamid	..	..	II
19	Md. Badshah Khan	..	..	II
22	Ghulam Muinuddin Ghazi	..	..	III
26	Md. Abdul Qadir Siddiqi	..	..	II
27	Sayyid Muhammad	..	..	II
30	Abdul Jalil ..	..	..	II
32	Sayyid Md. Nawab ..	..	..	III
33	Mir Kazim Ali ..	..	..	II
34	Ali Md. Khan ..	..	..	III
38	Murlidhar Rao Ghanekar ..	..	..	II
39	Bhim Sen Rao	..	..	III
40	Ahmad Abdul Majid	..	..	III
41	Md. Obaid-ullah Kazimi	..	..	III
42	Md. Ibrahim Khan Hashimi	..	..	II
47	Ghaziuddin Ahmad	..	..	II
48	Md. Nazirullah ..	..	..	III
49	Ahmad Abdul Hakim	..	..	III
51	Sayyid Abdur Rab ..	..	..	II
54	Ahmad Abdul Aziz ..	..	..	III
56	Sayyid Ghaus Muhiuddin	..	..	II
57	Shaikh Tajammul Husain	..	..	II
58	Sayyid Abdul Ali ..	..	..	II
59	Sayyid Raza Husain	..	..	II

B. A. EXAMINATION—1335 F.—1926.

Roll No.	Name	Class	Remarks
	OSMANIA UNIVERSITY COLLEGE		
60	Madan Mohan Lad ...	III	
61	Ghulam Dastagir ...	II	
62	Md. Ghulam Din ...	II	
64	Qamaruzzaman Khan ...	III	
67	Venugopal Ratnakar Rao ...	III	
68	Kirat Chand ...	II	
70	Mirza Ibrahim Ali Beg ...	II	
76	Omar Deen Khan ...	II	
78	Abdul Hamed ...	II	
81	Sayyid Muhammad Ahmed ...	III	
81	Md. Zainulabidin Siddiqi ...	III	
82	Bahadur Ali Khan ...	III	
83	Md. Shahabuddin ...	III	
84	Suraj Chand ...	II	
	EX-STUDENTS.		
90	Md. Abdul Latif Siddiqi ...	III	
91	Md. Fakhruddin ...	III	
95	Yadgiri Amdava ...	III	
96	Abdul Rahim Khan Gokondavi ...	III	
97	Md. Abdul Aziz ...	II	
98	Ahmaduddin Ahmed ...	II	
99	Sayyid Mumtaz Ali Hashimi ...	III	
101	Md. Ahlias Sanad ...	III	
104	Sayyid Hamiduddin ...	III	

105	Ghulam Hyder ..	..	..	..	III
106	Vanma Ramchandar Rao	..	..	..	III
107	Hanmantha Chari ..	..	..	..	III
110	Bhima Chari Kinhalkar	..	..	..	III
118	Md. Muhiuddin Sharif	..	..	..	III
118	Md. Yusuf Ali Khan	..	..	..	II
119	Mir Zahir Ali Khan	..	..	..	III
121	Videraj Srinivas Rao	..	..	..	III
123	Sayyid Wahid Ali Jafari	..	..	..	III
125	Sayyid Jafar Ali ..	..	..	..	III
127	Polam Krishna Reddy	..	..	..	III
131	Fazlullah Ahmad ..	..	..	..	Completed
132	Khwaja Md. Abdul Baqi	..	..	..	do
135	Hanmantha Chari ..	..	..	..	II

PRIVATE.

14	Bhagwan Pershad Mehindra	..	..	..	III
137	Ahmad Abdullah Siddiqi	..	..	..	II
142	Abdul Aziz Khan ..	..	..	..	III
143	Md. Siddiq ..	..	..	..	III
145	Mirza Qadir Ali Beg	..	..	..	III
149	Md. Abdul Karim ..	..	..	..	III
150	J. Tirath Achari Agni Hotri	..	..	..	III
152	Shaikh Qadir Muhiuddin	..	..	..	III
154	Abdush Shukur Khan	..	..	..	II
155	Durratul Biza Begam	..	..	..	I
156	S. Srinivas Chari ..	..	..	..	III

B. A. EXAMINATION 1336 F,—1927.

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
2	Muhammad Omar	III	
3	Khwaja Muhammad Ahmad	II	
5	Sayyid Ibn-i-Ali	II	
6	Muhammad Maqbool Husain	III	
9	Muhammad Tabarak Ali Khan	III	
12	Abdullah bin Muhammad	III	
14	Muhammad Muinuddin	III	
15	Muhammad Sakhawat Mirza	II	
16	Muhammad Abdush Shukur	II	
17	Mirza Bismallah Beg	II	
22	Nagheshri Pershad	III	
23	Ganesh Pershad	II	
25	Dhondu Panth Shendrikar	II	
26	Vishnu Panth Kulkarni	II	
27	Videraj Seshagiri Rao	III	
28	Madapati Ramchander Rao	II	
29	Ashwatha Rao Bulkandi	III	
30	Ghulam Muhammad Nasiruddin Ahmad Ansari	II	
31	Sayyid Yusuf	III	
37	Mir Abu Talib	III	
39	Muhammad Jamaluddin	II	
41	Sayyid Abdul Latif Razvi	II	
45	Sayyid Meherban Ali	II	
46	Muhammad Abdul Qaiyum Khan	III	
47	Venkat Rao Puranik	III	
48	Narayan Rao	III	
52	Satnarayan Waghray	III	

No.	Name	Result
53	Trimbak Rao Maharulkar	III
54	Pandit Rao Kale	III
60	Sayyid Muhammad Kazim Khan	III
66	Khwaja Muhammad Moinuddin	III
70	Bhagwan Rao Chapadgaonkar	III
72	Muhammad Zulfaqar Husain Faruqi	II
75	Sayyid Muhammad Ali Khan	III
78	Vithal Das	II
79	N. Ram Lal	III
82	Sayyid Faruq Husain	II
83	Muhammad Yusufuddin	III
86	Mirza Mahmud Ahmad Khan	II

EX-STUDENTS.

No.	Name	Result
91	Muhammad Jalaluddin	Completed
100	M. Seshi Reddy	III
110	Sayyid Abdul Mannan	III
113	Hanmanth Rao Vishnu	Completed
116	Muhammad Ikramullah	do
117	Muhammad Abdus Salam	do
119	Sayyid Viqayatullah	do
120	Muhammad Munim Khan	do
121	Muhammad Abdul Rahman	do
123	Muhammad Yamin Zubairi	do

PRIVATE

No.	Name	Result
129	Muhammad Karimullah Khan	III
130	Sayyid Allah Baksh	II
131	Sayyid Hamiduddin	III
135	Karamat Ali	III

B. A. Examination 1337 F.—1928.

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
1	Abul Makarim Faiz Muhammad Siddiqi	III	
3	Muhammad Abdul Rahman Mahajir	III	
5	Haji Ghulam Muhammad	II	
7	Sudershan Raj	III	Failed in Morals.
10	Muhammad Maqbul-ul-Haq	II	Ex-student.
12	Aliuddin Ahmad	II	
14	Muhammad Rahafullah Khan	II	
15	Muhamamd Abdul Qadim Siddiqi	III	
16	Sayyid Khwaja Husain	III	
20	Mir Zahuruddin	II	
25	Muhammad Moazzam Khan	III	
28	Muhammad Hanif	III	
30	Shaikh Muhammad Mustafa Ali	III	Failed in Morals.
31	Sayyid Muhammad Abbas	III	do
35	Bidarkar Keshav Rao	III	
37	Shanka Rao Sada Varte	II	
39	Gangadhar Rao Patki	II	do
40	Bhimshen Acharya	III	
41	Bhim Rao Deshpande	II	do
42	Gopal Rao Moramkar	III	
44	Sayyid Sharfuddin	II	
46	Yusufuddin Ahmad	III	
53	Muhammad Yasin	III	
57	Farid Ahmad	III	
58	Sayyid Osman Jafar	II	
60	Muhammad Wahidullah Khan	III	
69	Abu Nasr Fathullah	II	

No.	Name			Class	Remarks
70	Ghiasuddin Ahmad	..	..	III	Failed in Theology.
73	Muhammad Badruddin Khan	..	..	III	
74	Mir Ahmad Husain	..	..	III	
75	Ghulam Muhiuddin Khan	..	..	III	
76	Mir Tilawat Ali Zaidi	..	..	III	
79	Muhammad Abdul Wahab Khan	..	..	III	
83	Mir Ahmad Ali Khan	..	..	II	
85	Murtaza Khan	..	..	III	
88	Devi Pershad Mishr..	..	..	III	
89	B. Venkob Rao Pagri	..	..	III	Failed in Morals.
91	Vithal Rao Deshmuk	..	..	II	
92	Muhammad Abdul Hakim	..	..	III	
93	Muhammad Abdul Bari	..	..	II	
94	Muhammad Abdur Rab	..	..	II	
97	Muhammad Mazhar Husain	..	..	III	
98	Ghulam Muhammad	..	..	III	
100	Muhammad Abdul Ghafur	..	..	III	
101	Mir Taqi Ali	..	..	III	
103	P. Narsimlu	..	..	III	Failed in Morals.
105	Muhammad Ghulam Jilani	..	..	III	
107	Ramayia	..	..	II	
108	B. Ranga Reddy	..	..	II	

EX-STUDENTS.

No.	Name			Class	Remarks
116	Muhammad Siddiq Husain	..	..	III	
132	G. B. Harvalkar	..	..	III	
134	G. B Joshi	..	..	III	
136	Chandar Mohan Lal	..	..	III	
139	Raghobir Bali	..	..	III	Failed in Morals.
147	Muhammad Intasaruddin	..	..	II	
149	Shaikh Chand	..	..	Completed	
151	Sahibzada Mir Dost Ali Khan	..	..	do	

B. A. EXAMINATION 1887 F.—1928.

Roll No.	Name	Class	Remarks
152	Habib Khan Sandozi	do	Failed in Theology.
154	Sayyid Abdul Karim Ishaqi	do	
	PRIVATE.		
159	Muhammad Murtaza Husain	III	
163	Babu Singh	II	
165	Muhammad Badruddin Hasan Siddiqi	III	

B. A. EXAMINATION, 1838 F.—1929.

OSMANIA UNIVERSITY COLLEGE

Roll No.	Name	Class	Remarks
64	Akbar Ali	I	
2	Sayyid Pasha Muhiuddin	III	
3	Muhammad Fazl Haq	II	
11	Abdul Rahim	II	
12	Muhammad Rahmatullah	III	
13	Bandhu Mahadav Pagri	III	
15	Aga Jafar Husain	II	
17	D. Kishan Rao	II	
18	Malkarjan Towkri	II	
21	Muhammad Hamiduz Zafar	III	
22	Ghulam Jilani	II	
23	Sayyid Fariduddin Ahmad	III	
24	Sayyid Mustafa	III	
27	Mahmud Khan	III	
28	Muhammad Shujauddin	III	

No.	Name				Result
29	Mir Muhammad Alam	. .	. .	. .	II
30	Ghulam Ahmad	. .	. .	. .	III
31	Sayyid Ghaus Muhiuddin Razvi	. .	. .	. .	II
32	Srinavasa Rao Godorkar	. .	. .	. .	III
34	Sayyid Muhammad Murtaza	. .	. .	. .	III
35	Gopal Rao	. .	. .	. .	III
38	Kishan Rao Achat Rao Chowdri	. .	. .	. .	III
39	N. Komriah	. .	. .	. .	III
40	Narhar Rao Ranjilkar	. .	. .	. .	III
41	Ghulam Afsar	. .	. .	. .	II
42	Sayeeduddin Khan	. .	. .	. .	III
43	Muhammad Abdur Rauf	. .	. .	. .	III
45	Khwaja Muhammad Muinuddin	. .	. .	. .	III
59	Muhammad Ghausdad Khan	. .	. .	. .	II
60	Muhammad Samiullah	. .	. .	. .	II
61	Hamid bin Shabbir	. .	. .	. .	III
63	K. Ramaswami	. .	. .	. .	II
76	Muhammad Abdul Han	. .	. .	. .	III
86	Rashiduddin Ahmad	. .	. .	. .	III
87	Muhammad Abdul Hamid	. .	. .	. .	III
88	Qazi Fashiuddin Ahmad Siddiqi	. .	. .	. .	III
96	Mahmnud Ali Khan	. .	. .	. .	III
100	Abul Mansur Hamid	. .	. .	. .	III
104	Muhamad Sardar Ali	. .	. .	. .	III
119	Khwaja Sayyid Abdul Quddus	. .	. .	. .	III
124	Busswappa Alwor	. .	. .	. .	II
140	Muhammad Abdus Subbur	. .	. .	. .	Completed
144	Muhiuddin Ahmad Quresh	. .	. .	. .	do
150	Muhammad Abdullah	. .	. .	. .	do

PRIVATE.

No.	Name				Result	
155	Muhammad Hafizullah Mir	. .	. .	. .	III	Failed in Theology
156	Shaikh Ghulam Sarvar Khan	. .	. .	. .	II	
157	Ghulam Dastagir Faruqi	. .	. .	. .	III	
161	C. Dharam Raj	. .	. .	. .	II	Failed in Morals.

B. A. EXAMINATION, 1388 F.—1929.

Roll No.	Name	Class	Remarks
164	Iftakar Ali ...	III	
167	Sayyid Zahid Husain ...	II	
169	V. M. Subramanyam Pillai ...	III	

OSMANIA UNIVERSITY COLLEGE.

Science Candidates

Roll No.	Name	Class	Remarks
50	Muhammad Siddiqi ...	II	
51	Muhammad Abdul Wahab ...	II	
53	Davalpalli Venkateshwar Rao	III	
54	Nazir Ahmad Tahir ..	II	
55	Muhammad Khalil-ur-Rahman	II	
56	Muhammad Ikrat Husain Zubairi	II	

EX–STUDENTS.

Roll No.	Name	Class	Remarks
129	Maslahuddin Ahmad Faruqi ...	III	
130	Narhar Rao Bakshi ...	III	

B. A. EXAMINATION 1389 F.—1930.

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
1	Muhammad Hakim Kosgavi ...	II	
3	Muhammad Bashir Ahmad ...	II	
5	Muhammad Zakaullah Shahpuri	II	
10	Muhammad Ghulam Dastgir Rashid	II	

						Failed in Theology.
11	Sayyid Fazlur Rahman	..	..	..	II	
13	Bhimsen Rao Taug	..	..	..	II	
15	Digambar Rao Chaudhri	..	..	..	II	
19	Narsing Rao Deshmukh	..	..	..	II	
20	Narhar Rao Deshpandya	..	..	..	II	
23	Sayyid Yusufuddin	..	..	..	II	
24	Muhammad Asrar Husain Hashimi	..	..	..	III	
25	Muhammad Kazim Raza	..	..	..	III	
26	Muhammad Yaqub Khan	..	..	..	III	
27	Mirza Shukur Beg	..	..	..	III	
30	Uttam Rao Maharulakar	..	..	..	III	
31	Bapu Rao Deshmukh	..	..	..	III	
32	Rai Bandyachand Mathur	..	..	..	III	
33	Trimbak Rao Kharsale	..	..	..	III	
35	S. Shankar Rao	..	..	..	II	
36	Dacharam Ramraj Narsihvan Rao	..	..	..	III	
37	Sayyid Sirajuddin Ahmad	..	..	..	III	
38	Sayyid Nazir Husain	..	..	..	III	
39	Sayyid Abdul Rahim	..	..	..	III	
40	Muhammad Abdul Ghaffar Chishti	..	..	..	III	
42	Gurunath Rao Apranji	..	..	..	III	
43	Govind Rao	..	..	..	III	
44	Mir Iqbal Ali Zaidi	..	..	..	II	
45	Eta Lakshmiya	..	..	..	III	
49	Muhammad Abdul Qalq	..	..	..	III	
	EX-STUDENTS.					
52	Abdul Qadir	..	..	..	III	
54	Muhammad Hafiz	..	..	..	III	
57	Ghulam Muinuddin	..	..	..	III	
60	Gokal Das	..	..	..	III	
61	D. Guru Das	..	..	..	III	
62	J. Tirath Anant Puranaik	..	..	..	III	
68	Nabiul Hasan	..	..	..	III	

B. A. EXAMINATION 1839 F.—1930.

Roll	Name				Class	Remarks
71	Dharam Rai	:	:	:	III	
73	K. Vidyanand	:	:	:	III	
74	Badri Lal	:	:	:	II	
76	Ramchandra Reddi	:	:	:	III	
77	Rai Hindkishore Mathur	:	:	:	III	
81	Radha Kishen Rator	:	:	:	III	
84	Zulfaqar Ali Khan	:	:	:	III	
85	Rivanna	:	:	:	III	
86	Muhammad Alauddin	:	:	:	Completed	
90	Muhammad Amjad Ali	:	:	:	do	
91	Muhammad Shabbir Ali Khan	:	:	:	do	
95	Ali Bin Ghalib	:	:	:	do	
96	Sayyid Karimuddin Husain	:	:	:	do	
97	Muhammad Yusufuddin Faiq	:	:	:	do	
98	Mahmud Ali	:	:	:	do	
99	Bar Srinivas Rao	:	:	:	do	
101	Krishnaji Govind Rao Hatnalikar	:	:	:	do	
102	Venkob Rao	:	:	:	do	
	PRIVATE.					
105	Abdul Wahab	:	:	:	III	
106	Muhammad Jilani	:	:	:	III	
107	Muhammad Abdur Rashid Beg	:	:	:	III	
109	R. Gundappa	:	:	:	III	
112	Sayyid Ahmad Husain	:	:	:	III	
113	Manik Rao	:	:	:	III	
115	Ratan Lal	:	:	:	II	
119	Muhammad Hafizullah	:	:	:	Completed	Passed in Theology

OSMANIA UNIVERSITY COLLEGE.

SCIENCE CANDIDATES

130	Sayyid Shah Muhammad	..	I
125	C. Somasundram	..	I
124	Ravada Satya Narayan	..	I
121	Muhammad Abun Naim Siddiqi	..	III
128	Rai Naranjan Pershad Mathur	..	III
133	Mir Asad Ali	..	III
134	C. Surya Narayan Murti	..	II

EX. STUDENTS.

139	Sardar Singh	..	III

B. A. EXAMINATION 1340 F.—1931.

Roll No.	Name	Class	College	Remarks
2	Ghulam Jilani	II	Osmania University College	
4	Md. Nazir Husain Afandi	III	do	
5	Syed Yaqub	III	do	
7	Muhammad Baqar Husain Qureshi	II	do	
8	Shaikh Muhammad Manzur Husain	II	do	
9	Ranguath Rao Kamtiker	III	do	
13	Khwaja Md. Wasay	II	do	
14	Muhammad Ghulam Ahmad	III	do	
15	K. Srinivasa Iyengar	II	do	
17	Srıraj Parshad	III	do	
21	Hamıduddın Khan	II	do	
24	Sayyıd Md. Mohsin	II	do	
25	Satıya Narayan Singh	III	do	
34	Wahid-uz-Zaman	II	do	
37	Sayyıd Ghulam Mahmud Shah	III	do	
39	Sayyid Nooruddin	II	do	
43	Ghulam Hafiz Khan	II	do	
45	Muhammad Abdur Rahim Khan	III	do	
48	Abdus Subhan Subhani	III	do	
49	Muhammad Enayatullah Khan	III	do	
52	Raza Husain Khan	II	do	
54	Pandit Rao Kulkarni	III	do	
55	Vishvanath Das	II	do	
56	Kunday Rao	III	do	
57	Kıshen Rao Sharma	III	do	
59	Abdul Hakim Khan	III	do	
61	Khwaja Moinuddin	III	do	

				Failed in Theology.
62	Sayyid Mahmud Ali	: :	III	do
63	Muhammad Faruq	: :	II	do
64	Muhammad Abul Khair	: :	III	do
65	Sayyd Ali Mohsin	: :	II	do
68	M. Hanmanth Rao	: :	III	do
71	Anna Rao	: :	III	do
72	Bhavan Rao	: :	II	do
73	B. N. Chobe	: :	III	do
74	Muhammad Abdur Razzaq Khan	: :	III	do
75	Muhammad Abdur Rashid	: :	III	do
76	Muhammad Ali	: :	III	do
77	Akbar Ali	: :	III	do
79	Attam Rao Nangray	: :	III	do
80	Govind Rao Deshpande	: :	III	do
81	Chander Kant Rao Gode	: :	II	do
82	Muhammad Rahmatullah Khan	: :	III	do
89	Bhimsina Achari	: :	III	do
91	Sayyid Moazzam	: :	III	do
95	Muhammad Abdul Hai Subhani	: :	III	do
102	Muhammad Zahiruddin	: :	III	do
110	Jankram Pant Aherwadker	: :	III	do
113	Naumit Das	: :	III	do
117	B. Rama Reddy	: :	Completed	do
118	Sayyid Ghulam Mustafa	: :	do	do
119	Qazi Md. Ghayasuddin	: :	do	do
120	Muhammad Abdul Khaliq Khan	: :	do	do
121	Husam Qudratullah	: :	do	do
122	Muhammad Jafar Husain Bhongiri	: :	do	do
123	Sayyid Zainulabidin	: :	do	do
124	Nivaz Muhammad Khan	: :	do	do
125	Muhammad Habib Ahmad Khan	: :	do	do
127	Kishen Rao Daphne	: :	do	do
128	Manik Rao Parhkar	: :	do	do
129	R. Vishvamber Rao	: :	do	do

B. A. Examination 1840 F.—1981.

Roll No.	Name	Class	College	Remarks
132	Bashirun Nisa Begam	III	Osmania University College	Failed in Theology.
138	Muhammad Nasiruddin Nizami	III	Private	
141	Muhammad Faiyaz Husain	III	do	
142	Syed Abdul Azeem	III	do	
143	Habib Ahmad Faruqi	III	do	
147	Md. Mahbub Ali Khan	Completed.	do	

B. A. Examination, 1841 Fasli— 1932.

Roll No.	Name	Class	College	Remarks
7	Syed Ahmadullah Khan	II	Osmania University College	
8	Mohd. Abdus Salam	II	do	
11	Shahanshah Husain	III	do	Failed in Morals.
16	Qazi Md. Abdul Baqi	III	do	
18	Syed Rashiduddin Ahmad	II	do	
19	Md. Abdur Rahim	I	do	
20	K. Vedanta Chari	III	do	
22	Muhammad Abbas	III	do	
25	K. Ranga Rao	II	do	
27	V. Bheemiah	III	do	
36	C. Aga Reddy	III	do	Ex-Student
39	Mirza Sharafatullah Beg	III	do	
41	Syed Md. Saleh Hashimi	II	do	
42	Md. Abdur Rashid	III	do	
43	Yamini bin Salam bin Mahfuz	III	do	
47	Thanyala Ramachari	II	do	
48	K. Sreenivasa	III	do	
50	V. P. Venkata Charia	II	do	
53	Mirza Abbas Ali Beg	II	do	
56	Syed Ali Hasnain Razvi	III	do	

No.	Name		Class		Remarks
59	Ghulam Mohiuddin	:	II	do	Failed in Morals.
62	Mir Abul Ali Khan	:	II	do	
63	Mirza Muhammad Ali	:	II	do	
64	B. Mahadev Rao	:	III	do	
65	Nago Rao Joshi Mudholkar	:	II	do	
66	Keshav Rao Kulkarni	:	II	do	
67	Bhim Rao Narayan Rao Deshpande	:	II	do	
68	Ranganath Rao Mahajan	:	II	do	
69	Dattatrya Rao Guru	:	III	do	
70	Venkat Rao Nand Giri	:	III	do	
71	Ahmad Abdul Qaiyum Siddiqi	:	III	do	Failed in Theology.
74	Md. Fariduddin Khan	:	III	do	
75	Mir Rahman Ali	:	III	do	
76	Mirza Mahmud Ali Beg	:	III	do	
79	Md. Akbar Ali Khan	:	III	do	
81	Mir Habib Ali	:	III	do	Failed in Theology.
82	Veerayya Swami	:	III	do	
84	Mir Ahsanuddin	:	III	do	
85	Syed Abdul Ghaffar	:	III	do	
88	Mir Makhdum Ali Khan	:	III	do	
89	Asghar Husain	:	III	do	
90	Vijiachari	:	III	do	
92	Anant Kishan Rao	:	III	do	
94	M. Ram Krishniah	:	III	do	
95	Lakshmikanth Rao	:	III	do	
96	Shankar Narayan Gaud	:	II	do	
97	Syed Wahuddin	:	II	do	
99	Bhimsen Achary Upadhya	:	III	do	Ex-Students
100	Ahmad Khan	:	III	do	
101	Muhammad Abdul Jabbar	:	III	do	
116	Hira Lal	:	III	do	
124	Muhammad Dilawar Ali	:	Completed	do	
125	Mohd. Iftikharuddin	:	do	do	
129	Md. Sadruddin Ansari	:		do	

B. A. EXAMINATION, 1841 F.—1932.

Roll No.	Name		Class	College	Remarks
131	Syed Nasir Husain Razvı	..	Completed	Osmania University College.	
132	Jagannath Prashad Tripathı	..	do	do	
133	Muhammadi Begam	..	I	Women's College	
134	Sirajun-nisa Begam	..	II	do	
141	Syed Hasanuddin	..	Completed	Private	
142	Md. Abdul Matin	..	do	do	

B. A. EXAMINATION 1842 F.—1933.

Roll No.	Name	Class	College	Remarks
53	Raghavendar Rao	I	Osmania University College	
8	Muhammad Ahmaduddin	III	do	Failed in Theology.
12	Sayyid Hamid Shattari	II	do	
15	Muhammad Muniruddin	III	do	
16	Muhammad Fazl-ul-lah Siddiqi	III	do	
18	Muhammad Kalimullah	III	do	
19	Muhammad Zahr-ul-Afaq Faridi	II	do	
20	Muhammad Ghaus Siddiqi	II	do	
24	Narayan Keshava Rao	III	do	
26	Wahid Baksh	III	do	
27	Khwaja Ghulam Gauhar Ali Khan	II	do	
28	B. Narayan Rao	III	do	
29	Sripat Rao Phatak	III	do	
31	Mudap Venkat Ram Rao	II	do	
32	Muhammad Abdur Rahman Khan	III	do	
35	Muhammad Abdul Ghani	III	do	
36	Muhammad Ahmad Ali	III	do	
43	Muhammad Ali Khan	Completed	do	
48	Habib Ahmad	III	do	
56	Abdul Hamid Khan	II	do	do
57	Ghulam Muhammad Khan	II	do	
62	Muhammad Najmuddin Ansari	II	do	
63	Muhammad Azam Khan	II	do	
66	Mir Saadat Ali Razvi	II	do	
67	Mir Hasan	II	do	
69	Datatray Mahadevo Rao Mongikar	III	do	

B. A. Examination 1342 F.—(1933).

Roll No.	Name	Class	College	Remarks
70	Ranga Rao Munavalkar	III	Osmania University College	
71	Bhimrao Krishen Rao Vagamaray	II	do	
73	Yenketesh Joshi	III	do	
75	Vinaik Rao Pojari	III	do	
76	Maruthi Rao Joshi	II	do	
79	Narsing Rao Manvi	II	do	
80	B. Venkat Ram Rao	III	do	
84	Muhd. Ahsan Aziz	III	do	
85	Muhd. Abdul Aziz	III	do	
86	Sayyid Khwaja Baskatullah	II	do	
87	Sayyid Abdul Hadi	III	do	
88	Muhd. Ahmed Husam	III	do	
89	Muhd. Ibrahim Khan	III	do	
94	P. Kishen Rao	II	do	
96	C. Seshgir Rao	II	do	
97	Sayyid Mohammed Ahsan	II	do	
98	Sayyid Muslehuddin	III	do	
100	Tirmal Rao	II	do	
101	Shankerji	II	do	
102	Chandarshikar Hiramath	III	do	
103	Muhammad Nasir Khan	III	Ex-Students	
105	Tilkalpal, Athma Ram Sharma	III	do	
115	Muhammad Nasir Faruqi	III	do	
120	T. P. Chandershikar	III	do	
121	Mir Vazir Ali Khan	III	do	
122	Ali Sayeed	III	do	
124	Muhammad Abdul Mujib	III	do	
125	Mosthafa Khar	III	do	
129	Muhd. Muslehuddin	III	do	
130	Ahmed Abdul Hai	III	do	
131	Sayyid Farat Husami	III	do	

132	Muhd. Munıruzzaman	:	III	do	
138	Mir Ghaziudın Ali	:	Completed	do	
139	Muhammad Abdul Hai	:	do	do	Failed in theology
145	Sayyıd Maqbool Ahmed	:	do	Private	
157	Muhammad Badruddin	:	III	do	
158	Muhammad Karam Ali Khan	:	III	do	
159	Muhammad Abdur Rashid	:	III		

Roll No.	Name

M. A. Examination 1334 F.—1925.

Roll No.	Name			
1	Qari Sayyid Kalimullah Husaini	..	..	..
2	Latif Ahmad Faruqi	..	..	..
4	Muhammad Wazir Ali	..	..	..
5	Muhammad Abdus Sattar	..	..	..
6	Muhammad Sanaullah Sharif ..	..	..	..
7	Abul Fakhr Muhammad Abdul Wahid	..	..	..
8	Mir Jafar Ali Sadiq	..	..	..
9	Budh Singh Yadu ..	..	..	..
10	Abdul Majid Siddiqi	..	..	..
11	Mir Syadat Ali Khan	..	..	.
14	Ziauddin Ansari ..	..	..	.
15	Muhammad Naziruddin	..	..	.
16	Shaikh Barkat Ali ..	..	..	.

M. A. Examination—1335 F.—1926.

Roll No.	Name			
1	Saif-bi n-Sultan Husain-ul-Qaiti	..	..	.
2	Md. Husain Siddiqi	..	..	.
4	Khawja Muniruddin	..	..	.
7	Mir Mahmud Ali ..	..	..	.

M. A. Examination 1336 F.—1927.

Roll No.	Name			
1	Habib Zainulabi din	..	..	.
2	Muhammad Habibullah Rushdi	..	..	.
4	Muhammad Abdul Qadir Sarwari	..	..	..
5	Sayyid Ghulam Muhiuddin Qadri	..	..	..
6	Sayyid Viqar Ahmad	..	..	..
9	Venkatesh Narsihvan Patwari ..	..	..	..

M. A. Examination 1337 F.

Roll No.	Name			
3	Sayyid Muhammad ..	..	..	..
4	Ali Muhammad Khan	..	..	..
6	Syed Muinuddin Qureshi	..	..	..

M. A. Examination 1338 F. –

Roll No.	Name			
1	Khawja Muhammad Ahmad ..	..	..	..
2	Muhammad Abdul Qaiyum Khan	..	..	..
3	Muhammad Abdul Rahman	..	..	..
4	Ahmad Abdul Hamid	..	..	..
5	Mirza Mahmud Ahmad Khan ..	..	..	.

M. A. Examination 1339 F.—

Roll No.	Name			
3	Muhammad Abdul Qadim Siddiqi	..	..	..
4	Sayyid Khawja Husain	..	..	..
5	Muhammad Rahatullah Khan ..	..	..	.
6	Shaikh Chand ..	..	..	.
7	Muhammad Ali ..	..	..	.

Class	Remarks
II	Osmana Universit v College
II	do
III	do
III	do
II	do
II	do
II	do
II	do
III	do
III	do
II	do
III	do
II	do
II	do
III	do
II	da
III	do
III	do
III	do
II	do
II	do
III	do
If	do

—1928.

II	do
III	Ex-Student
III	Osmania University College.

—1929.

III	do
II	do
III	do
III	do
II	do

—1930.   do

II	do
III	do
II	do
II	do
III	do

Roll No.	Name	Class	Remarks
	M. A. Examination 1340 F.—1931.		
1	Muhd Ghaus Muhiuddin	II	Osmania University College
2	Muhd. Rahmatullah	II	do
3	Sayyid Padshah Muhnuddin	II	do
4	Sayyid Khwaja Abdul Quddus	II	do
5	Akbar Ali	III	do
	M. A. Examination 1341 F.—1932.		
1	Ghulam Dastgir Rashid	I	do
2	Sayyid Sirajuddin Ahmad	II	do
3	Mir Ahmad Ali Khan	III	do
2	Muhd. Abdul Halim Kosgavi	II	do
	M. A. Examination 1342 F.—1933.		
1	Mudh. Abdul Muid Khan	III	do
1	M. Hanmant Rao	II	do
2	Bharat Chand Kohna	II	do
3	Sayyid Ali Mohsin	II	do
4	Muhd. Zahiruddin	III	do
5	Waheedullah Khan	II	do

FACULTY OF THEOLOGY.

Matriculation Examination 1340 F.—1931.

Roll No.	Name	Class	School	Remarks
800	Sayyid Ahmad Husaini	II	Darul-Uloom	
802	Sayyid Muinuddin	II	do	
806	Hasan Muhiuddin Siddiqi	I	do	
817	Muhd. Taqi Barq	Completed	Osmania High School, Raichur.	
818	Sayyid Padshah Husaini	do	do	
819	Muhd. Khwaja	II	Osmania High School, Mathwada.	
820	Muhd. Khwaja Muinuddin	II	do	

Matriculation Examination 1341 F.—1932.

Roll No.	Name	Class	School	Remarks
7	Sayyid Muhd. Sadiq	Hons.	Darul Ulum	
1	Sayyid Mashhudun Nabi	II	do	
4	Muhd. Yahya Hashmi	III	do	
9	Sayyid Ghausuddin	II	do	
12	Muhd. Ghaus	II	do	
15	Muhd. Abdullah Khan	II	do	
16	Shaikh Abdul Qadir	II	do	
17	Sayyid Nur Muhd. Mahdavi	II	do	
18	Muhd. Qadeer	Completed	do	
19	Sayyid Qadir Muhiuddin	II	Osm High School, Mahbubnagar.	
20	Mirza Ashiq Ali Beg	II	do	
21	Rahimuddin Ahmad	II	do	
23	Imamuddin	Completed	Osm. High School, Aurangabad.	
35	Mirza Rahmatullah Beg	Completed	Islamia High School, Mathwada.	

MATRICULATION EXAMINATION 1342 F.—1933.

(Under the old Regulations)

Roll No.	Name	class	School
189	Sayyid Muhd. Nasruddin Husaini	II	Darul Ulum
190	Muhd. Abdul Qadeer	II	do
191	,, Jafar Ali Khan	III	do
192	Shaikh Daud	II	do
193	Habib Muhd. Idrus	II	do
194	Sayyid Muhiuddin	III	do
195	Muhd. Abdul Hamid	II	do
198	Sayyid Mahbub	II	do
199	Ghulam Mahbubuddin	II	do
200	Mir Mahbub Ali	II	do
201	Sayyid Shamshir Ahmad	II	do
202	Shaikh Ahmad	Completed	do
208	Sayyid Shah Abdul Haq Qadri	do	Osm. High School, Mahbubnagar
209	Muhd. Ghaus	III	do Khammam.
210	Muhd. Abdus Salam Qadri	Completed	do do
211	Sayyid Shah Abdul Qadir Qadri	II	do Gulbargah.
212	Muhd. Abdul Ghafur	II	do Raichur.
215	Sayyid Miskin Padshah	II	Islamia High School.
221	Muhd. Ishaq Imami	Completed	do
226	Sayyid Husain Husaini	III	Darul Ulum
205	Sayyid Yasin	III	(Under the New Regulations.)

INTERMEDIATE EXAMINATION 1340 F.—1931.

Roll No.	Name	class	School
258	Abu Taher Sayyid Khwaja Ahmadullah Husaini	II	Osmania University College.

254	Khwaja Fariuddin Ahmad	III	do
255	Muhd. Munawwar Khan	III	do
256	Muhd. Yahya Siddiqi	II	do

INTERMEDIATE EXAMINATION 1341 – F.1932.

1	Muhd. Osman Ali Siddiqi, Deglori	II	Osmania University College.
2	„ Badruddin Siddiqi	II	do
3	Sayyid Amjad Ali	II	do
7	Muhd. Husain Khamush	II	do
8	„ Rafiuzzaman	III	

INTERMEDIATE EXAMINATION 1342 F.—1933.

1	Hasan Muhuddin Siddiqi	II	Osmania University College.
3	Sayyid Ahmad Husaini.	II	do
4	Muhd. Osman Khan	II	Ex. Student O. U. College.

Roll No.	Name				Class

<table>
<tr><td colspan="3" align="center">B. A. Examination 1332 F.—1923.</td></tr>
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Roll No.	Name	Class
1	Qazi Mohammad Abdul Qadir Siddiqi	II

B. A. Examination 1333 F.—1924

| 1 | Sayyid Abdul Shukur .. .. | II |
| 2 | Muhammad Khawja Qutubuddin Qari .. . . | III |

B. A. Examination 1334 F.—1925.

| 2 | Sayyid Azmatullah Husaini Bakhtıyari .. .. . | III |

B. A. Examination 1335 F.—1926

| 1 | Sayyıd Saadat Ali .. .. | II |

B. A. Examination 1336 F.—1927.

| 4 | Sayyid Muhammad Safi .. .. | Completed |

B. A. Examination 1337 F.—1928.

1	Ahmad Abdullah-al-Masdusi	II
2	Muhammad Ghaus	II
3	Muhammad Hamidullah	II

B. A. Examination 1338 F. —1929.

| 1 | Muhammad Ghaus Muhiuddin .. .. .. | II |

B. A. Examination 1339 F.—1930.

| 1 | Sayyid Zamir Ali. .. .. | II |
| 3 | Sayyid Liaqat Husain .. .. | Completed |

B. A. Examination 1340 F.—1931.

Roll No.	Name		Class	College
149	Muhd. Habibullah Faruqi ..	..	II	Osm. Univ. College.
151	Mahbub Khan Yusufzai ..	..	II	do
152	Muhd. Abdul Rahman Khan ..	..	III	do
153	.. Abdul Moid Khan ..	..	II	do

B. A. Examination 1341 F.—1932.

1	Ijaz Ahmad ..	..	..	III	do
2	Sayyid Husain ..	..	..	III	do
3	Muhd. Muslehuddin..	..	.	do
5	Sayyid Shamsuddin Qadri ..	..	Completed	do

B. A. Examination 1342 F —1933.

| 3 | Abu Taher Sayyid Khwaja Ahmadullah Husaini | | II | Osm. University College |
| 4 | Muhd. Yahya Siddiqi .. | | II | do |

M. A. Examination 1334 F.—1924.

| 1 | Qazi Muhd. Abdul Qadir Siddiqi | .. | I | Osm. Univ. College. |

M. A. Examination 1337 F.—1928.

| 1 | Sayyid Saadat Ali . | .. | .. | II | Osm. Univ. College. |

M. A. Examination 1339 F.—1930.

| 1 | Muhd. Hamidullah .. | .. | .. | I | Osm. Univ. College. |
| 2 | Muhd. Ghaus .. | .. | .. | II | |

M. A. Examination 1341 F.—1932.

| 1 | Sayyid Liaqat Husain Qadri .. | .. | II | Osm. Univ. College. |

College
Osmania University College
do   do
do   do
do   do
do   do
Ex-student Osmania University College.
Osmania University College
do   do
do   do
Osmania University College.
do   do
Ex-Student Osmania University College.

FACULTY OF SCIENCE.

Roll No.	Name	Class	College	Remarks
	M. Sc. Final 1342 F.—1930.			
1	Muhammad Zakiuddin	II	Osm. Univ. College.	
2	Haji Ghulam Muhammad	III	do	
3	Sudarshan Raj	II	do	
4	Y. Murtanji Rao	II	do	
5	Qazi Sayyid Muinuddin	I	do	
6	Inayat Khan	I	do	
7	Annant Venkatesh Kafi	II	do	
	M. Sc. Final 1340 F.—1931.			
1	Muhd. Khalilur Rahman	I	Osm. Univ. College.	
2	Nazir Ahmad Taher	I	do	
3	Muhd. Zulfaqar Husain Faruqi	II	do	
	M. Sc. (Final) 1341 F.—1932.			
1	Sayyid Shah Muhammad	II	Osm. Univ. College.	
2	C. Soraiya Narayan Murti	II	do	
	M. Sc. Final 1342 F.—1932.			
1	Sri Raj Pershad	III	Osm. Univ. College.	
2	K. Srinivas Iyengar	II	do	
3	Muhammad Nazar Husain Effendi	II	do	
4	Ghulam Jilani	II	do	
5	Rangnath Rao. Kamtikar	II	do	

LL. B. (Previous) Examination 1340 Fasli—(1929.)

Roll No.	Name	Division	College	Remarks
20	Krishnaji Govind Rao Hatnalikar	I	Osm. Univ. College	
8	Digamber Rao Chowdri	I	do	
16	Sayyid Muhammad Murtaza	I	do	
46	Muhammad Yamin Zubairi	I	do	(Ex-student)
5	Trimbak Rao Khursale	I	do	
33	Muhammad Abdul Ghaffar Chisthi	I	do	
32	Muhammad Abdur Rauf	I	do	
10	D. Kishen Rao	I	do	
39	Basvapa Alur	I	do	
40	Saaduddin Khan	II	do	(do)
38	Narhar Rao Rinjalkar	II	do	(do)
15	Syed Zameer Ali	II	do	
42	Kishen Rao Chowdry Desai	II	do	(do)
2	Bapu Rao Desmukh	II	do	
29	Muhammad Zakaullah	II	do	
17	S. Shanker Rao	II	do	
1	Agha Jafar Husain	II	do	
18	Rai Niranjan Pershad	II	do	
31	Mirza Shakoor Beg	II	do	
37	Narsing Rao Desmukh	II	do	
30	Muhammad Shabbir Ali Khan	II	do	
36	Muhammad Naziruddin	II	do	
9	Dharam Rai	II	do	
18	Shanker Rao Sadavarte	II	do	
7	Hamid bin Shabbir	II	do	
12	Rai Hmd Kishore Mathur	II	do	
11	Rai Bindiah Chand Mathur	II	do	
22	Guru Das	II	do	
19	Shanker Pershad	II	do	
25	Govind Rao	II	do	
6	J. Teerath Anand Pornaik	II	do	

LL. B. (PREVIOUS) EXAMINATION 1341 FASLI—(1931)

Roll No.	Name	Division	College	Remarks
6	Pandit Rao Kulkarni	I	Osmania University College	
14	Sayyid Ghaus Muhuddin Razvi	I	do	
4	Bhavan Rao	II	do	
2	Anna Rao	II	do	
8	Chakand Ramchander Rao	II	do	
5	B. N. Chobe	II	do	
9	Khwaja Moinuddin	II	do	
10	Ramchander Reddy	II	do	
15	Sayyid Mahmud Ali	II	do	
34	Muhammad Bashir Ahmad	II	do	Ex-student.
31	Guru Nath Rao Apranji	II	do	do
1	Uttam Rao Maharolokar	II	do	
22	Manik Rao Parlikar	II	do	
32	Gokul Das	II	do	do
28	Muhammad Moin Ali	II	do	
33	Muhammad Badruddin Khan	II	do	do
27	Muhammad Abdur Razzaq	II	do	
35	Muhammad Abdul Hameed	II	do	do
29	Mukand Rao	II	do	
24	Muhammad Habibullah Faruqi	II	do	

LL. B. (PREVIOUS) EXAMINATION, 1342 FASLI (1933)

Roll No.	Name	Division	College	Remarks
3	Ismail Ahmad Minai	I	do	
15	Muhammad Rahmatullah	I	do	
5	Hendala Ram Chander Rao	I	do	
17	Shanker Narayan Gode	I	do	

No.	Name		Class		Ex-student.
19	Muhammad Abbas	..	I	do	
24	D. Manik Rao	..	I	do	
18	Muhammad Sadruddin Ansari	..	I	do	
14	Ragnath Rao Mahajan	..	I	do	
12	Dhonidar Sangi	..	I	do	
22	Muhammad Muslehuddin	..	II	do	
7	Bhimrao Deshpande	..	II	do	
32	Ghulam Hafiz Khan	..	II	do	
25	Venkobarao Talikotkar	..	II	do	
2	Ahmed Abdul Qayyum Siddiqi	..	II	do	do
33	Muhammad Fazle Haq	..	II	do	do
29	Sayyid Nuruddin	..	II	do	do
37	K. Hanmanthachari	..	II	do	do
31	Muhammad Abdul Hai	..	II	do	
6	C. Aga Reddy	..	II	do	
20	Rta Laxmah	..	II	do	do
21	Laxmi Kant Rao	..	II	do	
9	M. Bhimsen Rao	..	II	do	do
35	Muhammad Wahid-uz-Zaman	..	II	do	
1	Muhammad Abul Khair Muzharulhaq	..	II	do	
36	K. Vidyanand	..	II	do	
8	Bhimshinachari Upadhya	..	II	do	

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LL. B. (FINAL) EXAMINATION 1334 F.—1925.

Arranged in order of Merit.

Roll No.	Name	Class	Remarks
	OSMANIA UNIVERSITY COLLEGE.		
1	Sayyid Muhammad Ahsan	I	
13	Arab Ganpat Rao	I	
16	Kalimuddin Ansari	I	
19	Murtanji Rao	I	
5	Ramchandar Rao Kartarikar	I	
9	Abdul Aziz Khan	I	
20	Narhar Rao Wargantwar	I	
6	Mir Siadat Ali Khan	I	
18	Latif Ahmad Faruqi	I	
12	Abul Fakhr Muhammad Abdul Wahd	I	
10	Muhammad Abdul Alim	I	
4	Mir Hasnuddin	I	
2	Sayyid Anisuddin Ahmad	I	
17	Muhammad Gauhar Ali	I	
15	Qari Sayyid Kalimullah Husaini	I	
3	Mir Jafar Ali Sadiq	I	
7	Muhammad Sharifuddin	I	
8	Ahmad Abdul Bashir Khan Arab	I	
11	Abdul Majid Siddiqi	I	
22	Hidayat Ahmad	I	
21	Muhammad Waliullah	I	
23	Hanmant Narayan Patankar	I	

LL. B. (FINAL) EXAMINATION 1335 F.—1926.

Arranged in order of Merit

OSMANIA UNIVERSITY COLLEGE.—

Roll No.	Name	Class	Remarks
30	Vasdev Prashad	I	
14	Renukadas Rao	I	
7	Khwaja Burhanuddin	I	
28	Qazi Muinuddin Husain	I	
29	C. P. Nagnath	I	
25	Sayyid Qalandar Husam	I	
22	Sayyid Abdul Alim	I	
19	Shesh Rao Kamtikar	I	
32	Muhammad Abul Hasan	I	
15	V. Rajeshwar Rao	I	
26	Krishna Rao Deshmukh	I	
12	Dattatraya Rao	I	
6	Budh Singh Yadav	I	
10	Muhammad Husain Siddiqi	I	
33	Qurban Ahmad	I	
1	Sayyid Muhammad Ahsan	I	
2	Muhammad Ilyas Khan Kheshgi	I	
3	Sayyid Ahmad Ali	I	
9	Muhammad Jehangir Ali Siddqi	II	
20	Mir Siddiq Ali	II	
24	Abdul Munim Saidi	II	
4	Sayyid Aminuddin	II	
16	Sayyid Siht-e-Nabi	II	
27	Sahibzada Khwaja Mir Muhammad Ali Khan	II	
18	Sayyid Shah Ali Sani Nahri	II	
31	Muhammad Vazir Ali	II	
11	Khawja Muhiuddin	II	
17	Saif bin Sultan Husainul Qarti	II	
32	Muhammad Abdul Muiz	II	
5	T. Anantha Reddi	II	

LL. B. (FINAL) EXAMINATION, 1336 F.—1927

Arranged in order of Merit

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
7	Sayyid Ziaul Arifin Razvi	I	
11	Muhammad Abdur Rauf	I	
4	Benkat Pershad	I	
3	Inder Karan	I	
12	Muhammad Abdul Qadir Sarvari	I	
5	Bhikaji	I	
10	Manik Rao	I	
13	Mir Waris Ali	I	
6	Parbhakar Damodar Shendarkar	I	
15	Raza Muhammad Khan	I	Ex-Student
8	Sayyid Yusuf	I	
2	R. Raj Pershad	I	
1	Abul Khairat Muhammad Kamaluddin	I	
14	Pasmamla Narsivan Rao Sharma	I	do
16	Sayyid Abdul Jabbar	I	do
9	Krishnachari Joshi	I	

LL. B. (FINAL) EXAMINATION 1337 F.—1928.

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
20	Omar Daraz Khan	I	
34	Vem Kunti Ratn ukar Rao	I	
6	Suraj Chand	I	
26	Muhammad Ahmad Ansari	I	
29	Muhammad Abdul Aziz	I	
22	Ghulam Moinuddin Ghazi	I	
1	Imtiaz Hosain	I	
14	Sayyid Mahmud Ahmad	I	
35	L. Jairam Pershad	I	
4	Jiwan Rao Babalgaonkar	I	
12	Sayyid Muhammad Husaini	I	
10	Sayyid Ghaus Mohiuddin	I	
2	Pervaili Anant Ramaiyah	I	
8	Jadubans Pershad	I	
30	Muhammad Abdul Ali	I	
15	Sayyid Mahdi Husain	I	
28	Muhammad Husain Khan	I	
23	Kirat Chand	I	
25	Madhohari Marhikar	I	
17	Shaikh Tajammul Husain	I	
21	Ghulam Dastagir	II	
31	Sayyid Mukhtar Ali Khan	II	
7	Sayyid Ahmad	II	
24	Govind Rao Deshpande	II	
18	Sayyid Muhd. Obaidullah Kazimi	II	
5	Khawja Muhammad Abdul Baqi	II	
33	Mir Kazim Ali	II	

LL. B. (FINAL) EXAMINATION 1337 F.—1928.

Roll No.	Name	Class	Remarks
27	Muhammad Badshah Khan	II	
32	Mir Zahir Ali Khan	II	
16	Sayyid Viqar Ahmad	II	
18	Azizuddin Ahmad Siddiqi	II	
9	Sayyid Rafiuddin	II	
8	Sayyid Ahmad Ali	II	

LL. B. (FINAL) EXAMINATION 1338 F.—1929.

Arranged in order of Merit.

OSMANIA UNIVERSITY COLLEGE.

Roll No.	Name	Class	Remarks
2	Ashuth Rao Balkundi	I	
5	Trumbak Rao Maharulakar	I	
12	Ghulam Md. Hafiz Nasir-ud-din Ahmad Ansari	I	
20	Md. Munim Khan	I	
22	Narayan Rao	I	
28	Hannanth Rao Vishnu	I	
13	Md. Jalaluddin	I	
24	H. Ram Lal	I	
1	Ahmad Abdul Majid	I	
8	Sayyid Saadat Ali	I	
14	Md. Jamaluddin	I	
3	Bhagwan Rao Chapergaonkar	I	
6	Khawja Muhammad Ahmad	I	
4	Bhimachari Kunhalkar	I	
10	Sayyid Abdul Mannan	I	

18	Md. Abdul Qadir Queshi	II	
19	Md. Maqbul Husain	II	
25	M. Sesh Reddy	II	
27	Ali Muhammad Khan	II	Ex-Student
21	Madan Mohan Lal	II	do
26	Sayyid Muhammad Hasan Razvi	II	
16	Muhammad Sakhawat Mirza	II	
9	Sayyid Abdur Rab	II	

LL. B. (FINAL) EXAMINATION 1339 F.—1930.

28	Wahidullah Khan	I	
2	Ahmad Abdullah-al-Masdusi	I	
10	G. N. Harvalkar	I	
22	Ghaus Muhammad Khan	I	
11	Chandar Mohan Lal	I	
18	Muhammad Abdur Rab	I	
18	Devi Parshad Misra	I	
9	J. B. Joshi	I	
27	D. Narsihvan Rao	I	
19	Muhammad Abdul Ghafur	I	
12	Muhammad Hamidullah	I	
21	Ghulam Muhammad	I	
1	Mir Ahmad Husain	I	
6	Bashir Ahmad Tahir	I	
5	Mirza Iqbal Ahmad Beg	I	Ex-Student.
30	Raghunath Bhusari	I	
29	Hanmanta Chari	I	
8	Mir Tilawat Ali Zaidi	I	

LL. B. FINAL EXAMINATION 1889 F.—1930.

Roll	Name	Division	College	Remarks
25	Muhammad Sah ..	II	Osmania University College	
4	Mir Asad Ali Shah ..	II	do	
81	Muhammad Abdus Salam	II	do	
28	Govind Rao Nagapurkar	II	do	
17	Mir Zahuruddin ..	II	do	
26	Muhammad Ghaus ..	II	do	

LL. B. FINAL EXAMINATION 1840 F. —1931.

Roll	Name	Division	College	Remarks
1	Srinavas Rao Goderkar ..	I	Osmania University College	
9	Muhammad Mir Khan ..	I	do	
5	Goyal Rao ..	I	do	
7	Malikarjun Apatodkaui ..	II	do	
2	Qazi Fasihuddin Ahmad Siddiqi	II	do	
8	Gangadhar Rao Patki ..	II	do	
10	Narhar Rao Bakshi ..	II	do	
18	Shaikh Chand ..	II	do	Ex-student
11	Bhimrao Deshpandya ..	II	do	do
4	Gopalrao Gonde Rao Nagesh ..	II	do	

LL. B. FINAL EXAMINATION 1341 FASLI.—1982.

Roll No.	Name	Division	College	Remarks
18	Sayyid Zamir Ali	I	Osmania University College	
29	Narsing Rao Desmukh	I	do	
18	Krishnaji Hatnalkar	II	do	
24	Muhammad Zakaullah	I	do	
26	Muhd. Abdul Ghaffar Chishti	II	do	
32	N. Kamriah	II	do	
2	Bapu Rao Desmukh	II	do	
1	Agha Jafar Husain	II	do	
15	Shanker Pershad	II	do	
28	Muhammad Yamin Zubairi	II	do	
31	S. Shanker Rao	II	do	Ex-student
35	Gopal Rao Morumkar	II	do	
4	Trimbak Rao Kharsale	II	do	do
30	Narhar Rao Ranjalker	II	do	
33	Sayyid Zafar Husain	II	do	do
6	Hamid bin Shabbir	II	do	
20	Keshan Rao Desmukh	II	do	
37	Mir Ahmad Ali Khan	II	do	

LL. B. FINAL EXAMINATION 1342 F — 1933.

Roll No.	Name	Division	College	Remarks
13	Sayyid Ghaus Muhinddin Razvi	I	Osmania University College	
18	Sayyid Mahmud Ali	I	do	
3	Bhavan Rao	II	do	
2	Anna Rao	II	do	
7	Chakunta Ramchandar Rao	II	do	
34	Mirza Shakur Beg	II	do	Ex-student
10	Khwaja Moinuddin	II	do	
6	Pandit Rao Kulkarni	II	do	
15	Gokul Das	II	do	
30	Qazi Muhammad Abdur Rauf	II	do	Ex-student
17	Manik Rao Parlikar	II	do	
20	Basvappa Alur	II	do	do
27	Sayyid Muhammad Murtaza	II	do	do
32	Govind Rao	II	do	do
8	B. N. Chobe	II	do	
1	Uttam Rao Mahatolakar	II	do	
9	Muhammad Habibullah Faruqi	II	do	do
29	Shanker Rao Sadavarte	II	do	do
28	Muhammad Shabbir Ali Khan	II	do	
11	Muhammad Abdul Hameed	II	do	do
33	Guru Das	II	do	do
31	Kishen Rao Desai Chowdari	II	do	do
35	Marpati Ramchander Rao	II	do	do

FACULTY OF MEDICINE

Roll No.	Name	Division	College	Remarks
	M. B. B. S. (First Professional) Examination 1340 F.—1931.			
11	Mir Mustafa Ali Zaidi	I	Osmania Medical College	
9	Muhd. Ghaus	I	do	
7	Muhd. Abdur Rab	I	do	
6	Muhd. Husain	II	do	
4	Afif Ahmad Quraishi	II	do	
15	Fal Bahadur	II	do	
1	Ahmad Abdul Alim	II	do	
18	N. Girachariya	II	do	
	M. B. B. S. (First Professional) Examination 1341 F.—1932.			
4	Muhd. Hasmuddin Khan	I	Osmania Medical College	
10	Mir Akbar Ali	I	do	
1	Abu Muhd. Ghayasuddin	II	do	
8	Muhd. Munirur Rahman	II	do	
14	Muhd. Nazir Muhiuddnn	II	do	Ex-student
7	Muhd. Masihuddin Ahmad			

Roll No.	Name	Division	College	Remarks

M B. B. S. (FIRST PROFESSIONAL) EXAMINATION 1342 F.—1933.

Roll No.	Name	Division	College	Remarks
3	Sayyid Abdul Majeed	I	Osmania Medical College	
10	Khwaja Muhd. Shuaib	II	do	Ex-student
9	Yusufuddin Ansari ..	II	do	
19	Mirza Hamidullah Beg	II		
12	Sital Singh	II		do
8	Muhd. Mahmud Ali	II	do	
11	Satnarayan	II	do	do
17	Muhd. Abdul Waheed Khan	II	do	
2	Sayyid Abdul Hamid Bokhari ..	II	do	

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1340 F.—1931.

Roll No.	Name	Division	College	Remarks
6	Ghulam Murtaza	II	Osmania Medical College	
5	Sayyid Abdus Samad	II	do	
2	Ahmad Husam	II	do	
1	Abu Taher Muhd. Abdul Qadir .	II	do	

Roll No.	Name	Division	College	Remarks

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1341 F.—1932.

Roll No.	Name	Division	College	Remarks
3	Muhd. Husain	II	Osmania Medical College	
6	Muhd. Ghaus	II	do	
7	Mir Mustafa Ali Zaidi	II	do	
1	Ahmad Abdul Alim	II	do	
4	Muhd. Abdur Rab ..	II	do	
8	N. Gurachariya	II	do	

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1342 F.—1933.

Roll No.	Name	Division	College	Remarks
7	Mir Akbar Ali	I	Osmania Medical College	
3	Fal Bahadur	I	do	
10	Afif Ahmad Quraishi	II	do	Ex-student
1	Abu Muhd. Ghayasuddin	II	do	
8	E. Srinivas Reddi ..	II	do	do
9	Sayyid Rashiduddin Husain	II	do	do
2	Muhd. Hasnuddin Khan	II	do	
4	Muhd. Masihuddin Ahmad	II	do	
6	Muhd. Munirur Rahman	II	do	
5	Nazir Muhiuddin ..	II	do	

APPENDICES

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APPENDICES

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Roll No.	Name	Division	College	Remarks
M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION 1340 F.—1931.				
9	Sayyid Nizamuddin Ahmad	II	Osmania Medical College	
13	Muhd. Ibrahim Ali Khan	II	do	
14	Muhd. Munawwar Ali	II	do	
15	S. Vasudev	II	do	
10	Shankar Rao Jadhu	II	do	
2	Abul Muani Ghulam Nabi	II	do	
11	Ghulam Ahmad	II	do	
16	N. Q. H. Siddiqi	II	do	
12	Kanwal Chander	II	do	
7	Sayyid Arifullah Qadri	II	do	
4	Hakim Muhd. Abdur Rahman	II	do	
M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION 1341 F.—1932				
1	Ahmad Husain	II	Osmania Medical College	
4	Abul Kalam Muhd. Badruddin	II	do	Ex-student
6	D. Tulsi Das	II	do	do
8	Sayyid Ali	II	do	do
5	Ahmad Abdul Waheed Khan	II	do	do
M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION 1342 F.—1933				
3	Mir Mustafa Ali Zaidi	I	Osmania Medical College	
4	Muhd. Abdur Rab	II	do	Ex-student
8	Ghulam Murtaza	II	do	
5	Muhd. Ghaus	II	do	
2	Muhd. Husain	II	do	

7	Sayyid Abdus Samad	..	II	do	do
9	Khurshid Ali	..	II	do	do
6	N. Gorachariya	..	II	do	

M. B. B. S. (FOURTH PROFESSIONAL OR FINAL) EXAMINATION 1341 F.—1932

10	Muhd. Munawwar Ali	..	II	Osmania Medical College
6	Shanker Rao Jadhu	..	II	do
11	S. Vasudev	..	II	do
4	Sayyid Arifullah Qadri	..	II	do
5	Sayyid Nizamuddin Ahmad	..	II	do
3	Hakim Muhd. Abdul Rahman	..	II	do
7	Ghulam Ahmad	..	II	do

M. B. B. S. (FOURTH PROFESSIONAL OR FINAL) EXAMINATION 1342 F.—1933.

2	Ahmad Husain	..	II	Osmania Medical College
5	Sayyid Ali	....	II	do
6	Abul Muani Ghulam Nabi	..	Completed	Ex-student
7	Kanval Chander	..	do	do
8	Muhd. Ibrahim Ali Khan	..	do	do

Roll No.	Name			Class	College
	B. E. PART I. EXAMINATION 1340 F.—1931				
1	R. K. Venkat Narsimham	..	..	II	Osmania Engineering College
4	Safdar Ali Sharif	..	..	II	do
5	Muhd Ahmadullah Siddiqi	.	..	II	do
6	Muhd. Abdul Basit	..	..	II	do
7	Muhd. Abdul Wahab	..	..	II	do
8	Muhd. Osman	..	..	II	do
10	K. Rama Swami	..	..	II	do
11	Vidyasagar Nehru	..	..	II	do
	B. E. PART I. EXAMINATION 1341—1932				
1	R. Dwarka Pershad	..	..	II	Osmania Engineering College
2	M. Khurshid Ali	..	..	II	do
3	P. R. Reddy	..	..	II	do
5	Chandu Lal	..	..	II	do
7	Sayyid Kazim Husain Razvi	..	..	II	do
9	Muhd. Abdus Samad Khan	..	..	II	do
16	Sayyid Yusuf Husain	..	..	II	do
17	Ghulam Jilani	..	..	Completed	do
	B. E. PART I. EXAMINATION 1342 F.—1933				
8	Khwaja Muhd. Wasay	..	..	II	Osmania Engineering College
12	Muhd. Mohsinuddin Haqqani	..	..	II	do
13	Muhd. Yaqub Ali	..	..	II	do
16	Muhd. Abdul Waheed Khan	..	..	II	do
20	Venogopal	..	..	II	do
21	T. N. Pillay	..	..	Completed	do

B. E. PART II OR FINAL EXAMINATION 1341 F.—1932.

Roll No.	Name			Class	College
3	K. Ramswami	..	..	II	Osmania Engineering College
4	Muhd Ahmadullah Siddiqi	..	..	II	do
6	Muhd. Abdul Basit	..	..	II	do
7	Muhd. Abdul Wahab	..	..	II	do
8	Muhd. Osman	..	..	II	do
9	Vidyasagar Nahra	..	..	II	do

B. E. PART II OR FINAL EXAMINATION 1342 F.—1933.

				II	Osmania Engineering College
1	Chandu Lal	..	..	II	do
2	Khurshid Ali	..	..	II	do
3	T. N. Pillay	..	..	II	do
4	R. Dwarka Pershad	..	..	II	do
5	P. R. Reddy	..	..	II	do
6	Muhd. Abdus Samad Khan	..	..	II	do
7	Sayyid Kazim Husain Razvi	..	..	II	do
10	Safdar Ali Sharif	..	..	II	do
11	R. K. Venkat Narsimham	..	..	II	do

APPENDICES

Remarks
Ex-student
do
Ex-student
do

APPENDICES

Remarks

FACULTY OF EDUCATION.

B. T. EXAMINATION 1339 F.—1930.

Roll No.	Name				Class
1	Muhammad Muhiuddin Quraishi	..	..	..	III
2	Muhammad Murtaza Husain	..	..	..	III
3	Mirza Ibrahim Ali Beg	..	..	..	II
4	Sayyid Tajammul Husain	..	..	..	III
5	Hoshdar Khan	..	..	..	II
8	P. Krishna Reddi	..	..	..	III
9	Maslehuddin Faruqi .	..	..	..	III

B. T. EXAMINATION 1340 F.—1931

Roll No.	Name				Class
1	Ghulam Dastgir Faruqi	..	..	..	III
3	Sayyid Hamiduddin	..	..	..	III
4	Fakhruddin Ahmad..	..	..	..	II
5	Muhd. Yaqub Khan	..	..	..	II
6	Sayyid Husain Zaidi	..	..	..	II
8	Muhd. Ibrahim	..	..	..	III
9	Mazharul Islam	..	..	..	II

DIPLOMA IN EDUCATION EXAMINATION 1341 F.—

Osmania Training College.

Roll No.	Name			RANK	
				Theory	Practice
1	Abul Makarim Faiz Muhd. Siddiqi	..	..	I	I
2	Muhd. Ijazullah Khan	..	..	II	II
3	Sayyid Wahid Ali Jafari	..	..	II	II
4	Muhd. Badruddin Hasan Siddiqi	..	..	II	I
5	Abdul Wahab	..	..	III	Passed
6	Ali bin Ghalib	..	..	II	II
7	Sahibzada Mir Ahmad Ali Khan	..	..	III	II
8	Sayeeduddin Khan	..	..	II	Passed
9	Mirza Osman Ali Beg	..	..	II	II
11	Narayan Singh	..	..	III	II
12	S. Srinivas Chari ..	..	..	III	II
13	Ghulam Sarvar Khan	..	..	III	Passed
14	Keshav Vaman Indorekar	..	..	III	do

Remarks
Osmania Training College
do
do
do
do
do
do
Osmania Training College
do
do
do
do
do
do

1932

Remarks
Distinction in Science.
Ex. student.
Ex-student.
do

DIPLOMA IN EDUCATION EXAMINATION 1342 F.—1933

Osmania Training College.

Roll No.	Name	RANK		Remarks
		Theory	Practice	
1	Sayyid Jafar Ali ..	II	I	Distinction in Science.
2	Halit Ahmad Faruwqi	II	I	
3	Habib Khan Sandozai	II	II	
4	B. Ramaiya	II	II	
5	Sayyid Muhd. Saleh Hashimi	II	II	
6	Muhd. Arif Husain	II	Passed	
7	Muhd. Abdur Rahim Khan ..	II	I	
8	Muhd. Abdur Rahim Khan Golconduvi ..	II	II	
9	Muhd. Abdul Halim Kosgavi ..	III	II	
10	Sayyid Muhd. Hasan Askari ..	II	Passed	Distinction in English.
11	Mir Habib Ali ..	II	I	
12	Babu Singh ..	II	II	
13	Muhd. Abdus Subhan Subhani	II	I	
14	Muhd. Sayeed ..			

V. HONORARY DEGREES.

SULTAN-UL-ULUM.

Azur 1333 F.—Oct.   1923   .. His Exalted Highness the
                                    Nizam.

LL. D.

Aban 1334 F.—Sept. 1925   .. Nawab Imadul Mulk Bahadur,
                                  Sayyid Husain Bilgrami,c.s.i.

Dai 1336 F.—Dec. 1926   .. Nawab Sir Ahmad Husain Amin
                                Jung Bahadur, K.C.I.E., C.S.I.,
                                M.A., B.L.

Dai 1337 F.—Dec. 1927   .. Nawab Hydar Nawaz Jung
                                Bahadur, (Sir Akbar Hydari)

Dai 1338 F.—   1928   .. Nawab Masood Jung Bahadur
                                B.A. I.E.S. Bar.-at-Law.

VI.—FELLOWS WHO HAVE DELIVERED ADDRESS AT THE UNIVERSITY CONVOCATION.

Name	Date
Nawab Wali-ud-Daulah Bahadur	..28th September 1925.
Nawab Sadar Yar Jung Bahadur	..4th December 1926.
Maharaja Sir Kishan Pershad Yamin-us-Saltanat	..1st December 1927.
Nawab Sir Amin Jung Bahadur, M.A., B.L., LL.D., K.C.S.I., C.S.I.	..23rd March 1929.
Nawab Sir Nizamat Jung Bahadur, M.A., B.L., (Oxon).	..30th January 1930.
Nawab Mirza Yar Jung Bahadur, B.A., LL. B.	..6th August 1931.
Nawab Sir Hydar Nawaz Jung Bahadur, B.A., LL. D. ..	..9th March 1933.
Nawab Mahdi Yar Jung Bahadur, M.A. (Oxon.)	..8th February 1934.

VII. Forms.

(i) FORMS OF APPLICATION FOR REGISTRATION FOR EXAMINATIONS.

(1) MATRICULATION EXAMINATION.

FORM (A) *for pupil candidates.*

Name	{ Urdu { English
Date of birth and age at the time of submitting the application	..
Father's name and occupation	{ Urdu { English
Race and Religion	..
Address	..
School from which the candidate is appearing and the period of study	..
Group or groups in which the candidate has passed previously specifying the roll No. and the year of the Examination	..
Subjects of the Examination in which the candidate desires to be examined	..
Where to be examined	..
Year or years, if any, in which the candidate has appeared for the examination and the Register No. of the respective year should also be stated	..

Signature of the Candidate.

Certificate of the Head Master.

I hereby certify that............................is a student of the Matriculation Class of (School)..................in which the school was kept open during the current academical year. ....He attended......days out of......in which the school was kept open during the current academical year.   He has completed the prescribed course, and his character has been good.

I further certify that the date of his birth is.........and that his age on the 1st day of Shahrewar 134 F., will be............

Signature of the Head Master.

FORM (B) *For private candidates and teachers.*

Name	.. ..	..	] Urdu] English
Date of birth and age at the time of submitting the application		..	
Father's name and occupation	..	..	] Urdu] English
Race and Religion	..	..	
Address	..	..	
School in which the candidate is employed		..	
School in which the candidate was educated and the period of study		..	
Group in which the candidate passed with roll number and date of Examination			
Where to be examined	..	..	
Year or years, if any, in which the candidate has appeared for the Examination (Centre, and the Register No. of the respective year should be stated)			

Signature of the Candidate.

Certificate from a recognised authority.

I certify that.............................has prosecuted a satisfactory course of study for the examination ....and that he is sufficiently prepared to appear at the examination. He pos esses a sufficient knowledge of Urdu to enable him to express himself in that language both in speech and writing with ease and with grammatical correctness.

I further certify that the date of his birth is......and that his age on the 1st day of Shahrewar 134 F., will be...............

Date..............

Signature of a recognised authority.

(2) INTERMEDIATE EXAMINATION.

FORM (A) *For College candidates.*

Name .. ..] Urdu / English

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. ..] Urdu / English

Race and Religion .. .. ..

Address .. .. ..

Matriculation Examination or its equivalent which the candidate has passed, date of passing and the class in which he was placed ..

College or Colleges at which the candidate has studied and the time at each

Optional subjects and whether Theology or Morals will be taken ..

Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated) .. ..

....

Signature of the candidate.

Certificate for College Candidates.

I hereby certify that ....is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. He has shown satisfactory progress in his subjects of study. The other facts mentioned are correct.

Dated............

Signature of the Principal.

Certificate for Ex-College candidates.

I hereby certify that............was a student of this college during the year......and has appeared at the Intermediate Examination of the year......from this college. His character has been good and the facts mentioned in this application are correct. In view of his attainments he can hope to secure a pass in the next Intermediate Examination.

Dated............

Signature of the Principal.

FORM (B) *For teachers and other private candidates.*

Name	.. .. $\left.\begin{array}{l}\text{Urdu}\\ \text{English}\end{array}\right\}$
Date of birth and age at the time of submitting the application	..
Father's name and occupation	.. .. $\left.\begin{array}{l}\text{Urdu}\\ \text{English}\end{array}\right\}$
Race and Religion	.. ..
Address	.. .. ..
Matriculation Examination or its equivalent which the candidate has passed, date of passing and the class in which he was placed	..
Nature of employment and period of service	.. ..
Optional subjects and whether Theology or Morals will be taken	..

Year or years, if any, in which the candidate has appeared for the examina-
tion (Centre and the Register No. of the respective year should also
be stated)   .   .   .   .   •

Signature of the Candidate.

Dated...............

Certificate.

I hereby certify that................   .....

(i)   is a Nazir or Inspector of schools of...........District in the service of the Educational Depart-
ment of His Exalted Highness' Government

or (ii)   is a whole-time teacher in the School...........recognised by the Educational Department

or (iii)   is a Laboratory Assistant in the...........College

or (iv)   is a whole time Librarian in the Osmania University College or in the Asafia Library
and that by the date of this application he has rendered continuous and approved service for......years......
......months.

His character is good and in view of his attainments he can hope to secure a pass in the Intermediate
Examination.

Dated...............

Signature..............

*Divisional Inspector of Schools, or Principal
of a College, or the Head of the Library.*

(3) B. A. EXAMINATION.
FORM (A) *For College candidates.*

Name .. .. $\left.\begin{array}{c}\text{Urdu}\\\text{English}\end{array}\right\}$

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. $\left.\begin{array}{c}\text{Urdu}\\\text{English}\end{array}\right\}$

Race and Religion .. ..

Address .. ..

Intermediate Examination or its equivalent which the candidate has passed, date of passing and the class in which he was placed ..

College or Colleges at which candidate has studied and time at each ..

Subjects of Examination .. .. ..

Year or years, if any, in which the candidate has appeared for the examination (Centre and the Register No. of the respective year should also be stated) .. ..

Signature of the Candidate.

Dated....................

Certificate for College Candidates.

I hereby certify that.................. is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. He has shown satisfactory progress in his subjects of study. The other facts mentioned are correct.

Signature of the Principal.

Dated....................

Certificate for Ex-College Candidates.

I hereby certify that.........was a student of this college during the year......and had appeared at the B. A. Examination of the year.........from this college. His character has been good and the fact mentioned in this application are correct. In view of his attainments he can hope to secure a pass in the next B. A. Examination. .. ..

Signature of Principal.

Dated....................

FORM (B)   *For teachers and other private candidates.*

Name	.. .. } Urdu / English
Date of birth and age at the time of submitting the application	..
Father's name and occupation	.. .. } Urdu / English
Race and Religion	.. .. ..
Address	.. .. ..
Intermediate Examination or its equivalent which the candidate has passed, date of passing and the class in which he was placed	.. ..
Nature of employment and period of service	.. ..
Subjects of Examination	.. .. ..

Year or years, if any, in which the candidate has appeared for the examination (Centre. and the Register No. of the respective year should also be stated) .. ..

Dated..............

Signature of the Candidate.

Certificate.

I hereby certify that....................

(1) is a Nazir or Inspector of Schools of..........District in the service of the Educational Department of His Exalted Highness' Government

or (2) is a whole-time teacher in the School..........recognised by the Educational Department

or (3) is a Laboratory Assistant in the...........College

or (4) is a whole-time Librarian of the Osmania University College or in the Asafia Library and that by the date of this application he has rendered continuous and approved services for..........years ....months.

His character is good and in view of his attainments he can hope to secure a pass in the B. A. Examination.

Dated..............

Signature..................

Divisional Inspector of Schools or Principal of a College, or the Head of the Library.

M. A. EXAMINATION.

Name	..	..	..	..	} Urdu / English

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. .. } Urdu / English

Race and Religion	.. ..
Address	.. .. ..

B. A. Examination or its equivalent in which candidate has passed, date
of passing and the class in which he was placed .. ..

College at which the candidate has studied and time of study ..

Year or years, if any, in which the candidate has appeared for the examin-
ation (Centre, and the Register No. of the respective year should also
be stated) .. ..

Dated................

Signature of the Candidate.

Certificate.

I hereby certify that............is a student of this college. His character has been good and he
has studied in this college during the period mentioned in this application. The other facts mentioned are
correct.

Dated................

Signature of the Principal.

M. Sc. (FINAL) EXAMINATION.

38

Name .. .. $\left.\begin{array}{l}\text{Urdu}\\\text{English}\end{array}\right]$

Date of birth and age at the time of submitting the application

Father's name and occupation .. .. $\left.\begin{array}{l}\text{Urdu}\\\text{English}\end{array}\right]$

Race .. .. .. Religion

Address .. .. ..

B. A. or B. Sc. Examination or its equivalent examination $\left.\begin{array}{l}\\\\\end{array}\right\}$ Examination   Date of passing
in which the candidate has passed, date of passing and the
class in which he was placed   . .

Year or years. in which the candidate has appeared for the examination
with Roll No. and Centre.

Dated...............   *Signature of the Candidate.*

Certificate.

I hereby certify that............is a student of this college. His character has been satisfactory and he has prosecuted a regular course of study for the period prescribed under the Rules and the facts mentioned in the application are correct.

(5) LL. B. (Previous) Examination.

33*Name   ..   ..   ⎫ Urdu
                                        ⎭ English

Date of birth and age at the time of submitting the application   ..

Father's name and occupation   ..   ..   ..   ⎫ Urdu
                                                 ⎭ English

Race and Religion   ..   ..

Address   ..   ..

B. A. Examination or its equivalent in which candidate has passed, date of passing and the class in which he was placed   ..   ..

Colleges at which the candidate has studied and time of study   ..

Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated)   ..   ..

Signature of the candidate.

Dated..............

Certificate.

I hereby certify that...........is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. The other facts mentioned are correct.

Signature of the Principal.

Dated..............

LL. B. (FINAL) EXAMINATION.

Name .. .. ⟧ Urdu / English

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. .. ⟧ Urdu / English

Race and Religion .. ..

Address .. ..

Date of passing the LL. B. Previous Examination and the class in which the candidate was placed.. .. .. ..

College at which the candidate has studied and time of study .. ..

Year or years, if any, in which the candidate has appeared for the examination (Centre, and the Register No. of the respective year should also be stated) .. .. ..

Signature of the Candidate.

Dated........................

Certificate.

I hereby certify that..............is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. The other facts mentioned are correct.

Signature of the Principal.

Dated........................

M. B. B. S. (FIRST PROFESSIONAL) EXAMINATION.

Name   ..   ..   } Urdu / English

Date of birth and age at the time of submitting the application   ..

Father's name and occupation   ..   ..   .. } Urdu / English

Race and Religion   ..   ..

Address   ..   ..

Intermediate Examination or its equivalent, which the candidate has passed.
date of passing and the optional subjects taken ..   ..   ..

Year or years if any in which the candidate has appeared for the examination

Dated...........134   F.

Signature of the candidate.

Certificate.

I hereby certify that...............is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated...........134   F.

Signature of the Principal. Medical College.

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION.

Name	..	..	..	..	..	⎱ Urdu ⎰ English
Date of birth and age at the time of submitting the application				..		
Father's name and occupation	..	..	..	..		⎱ Urdu ⎰ English
Race and Religion	..	..	..	..		
Address	..	..	..	..		
Whether the candidate has passed the First Professional Examination			..		Date of passing with Roll No.	Division
Year or years if any in which the candidate has appeared for the examination						

Dated.................................134 *F.*

Signature of the Candidate.

Certificate.

I hereby certify that.................is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period after passing the First Professional Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated.................................134 *F.*

Signature of the Principal. Medical College.

M. B. B. S. (Third Professional) Examination.

Name	} Urdu } English.
Date of birth and age at the time of submitting the application ..	
Father's name and occupation	} Urdu } English
Race and Religion	
Address	
Whether the candidate has passed the Second Professional Examination .	Date of passing Division with Roll No.
Year or years if any in which the candidate has appeared for the examination	

Dated..............................131 *F.*

Signature of the Candidate.

Certificate.

I hereby certify that..................is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period after passing the Second Professional Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated..............................134 *F.*

Signature of the Principal, Medical College.

M. B. B. S. (Fourth Professional) Examination.

Name   ..   ..   ⎱ Urdu / English

Date of birth and age at the time of submitting the application   ..

Father's name and occupation   ..   ..   ..   ⎱ Urdu / English

Race and Religion   ..   ..

Address   ..   ..   ..

Whether the candidate has passed the Third Professional Examination   .. | Date of passing with Roll No. | Division

Year or years if any in which the candidate has appeared for the examination

Dated..................................184 F.

Signature of the Candidate.

Certificate.

I hereby certify that...................is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during the period.........after passing the **Third Professional** Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated..................................184 F.

Signature of the Principal. Medical College.

B. E. Part I.—Examination.

Name	..	..	..	..	..	] Urdu] English
Date of birth and age at the time of submitting the application					..	
Father's name and occupation			..	..	..	] Urdu] English
Race and Religion	..	..	..	..	..	
Address	..	..	..	..	..	
Intermediate Examination or its equivalent, which the candidate has passed, date of passing and the optional subjects taken						
Year or years if any in which the candidate has appeared for the examination						

Dated..........................134   F

Signature of the Candidate.

Certificate.

I hereby certify that.. ....is a student of this college. His character has been good and the facts mentioned in the application are correct. He has been a regular student of the college during ....and is eligible to appear at the Examination. The required certificates are herewith attached.

Dated.............. 134   F.

Signature of the Secretary, Engineering College.

B. E. (Part II) Examination.

Name   ..   .. :

Date of birth and age at the time of submitting the application :

Father's name and occupation   ..   ..   .. :

Race and Religion   ..   .. :   } Urdu
                                                              } English

Address   ..   .. :

Whether the candidate has passed the B. E. (Part I) Examination, date of
     passing and the optional subjects taken.

Year or years if any, in which the candidate has appeared for the Examination..

Dated.................................134 F.

Signature of the candidate.

Certificate.

I hereby certify that................is a student of this college. His character has been good and the
facts mentioned in the application are correct. He has been a regular student of the college during............
after passing his B. E. (Part I) Examination.

Dated.................................134 F.   *Signature of the Secretary. Engineering College.*

(4) DIPLOMA IN EDUCATION EXAMINATION.

Name   ..   ..   ⎡ Urdu
                                    ⎣ English

Date of birth and age at the time of submitting the application

Father's name and occupation   ..   ⎡ Urdu
                                      ⎣ English

Address   ..   ..

Race and Religion   ..   ..   ..

B. A. Examination or its equivalent in which candidate   Examination with the name of
     has passed, date of passing the Examination   ..   University

Subjects   ..   ..   ..   Optionals   Special

Year or years, if any in which the candidate has appeared for the Exami-
nation, with Roll. No. and Centre   ..   ..

Date'l...............

Date of Passing

Signature of Candidate.

Certificate.

I hereby certify that.............is a student of this college. His character has been good and that the facts mentioned in the application are correct. He has prosecuted a regular course of study in the college the prescribed period and that he is fit for the Examination.

Dated.................

Principal. O. T.College.

(D) DIPLOMA IN EDUCATION EXAMINATION.

This is to certify that.........has prosecuted a regular course of study for a period of......academic years (From........134 F. to 134 F.) after passing his.............Examination. He has attended ....lectures out of.........lectures delivered during the period.

He has completed the practical as well as the extra subject course (in which examination is not to be held).

Dated.................

Principal, O. T. College.

(ii) FORMS OF ATTENDANCE CERTIFICATES.

INTERMEDIATE EXAMINATION.

Certificate of attendance of............................in the Osmania University College during the years ....

Subject	No. of lectures in the College	No. of lectures attended
English	:	
Optionals	:	
(a)		
(b)		
(c)		
Theology or Morals	:	

I certify that............has attended and satisfactorily completed the course of studies in Physics.
Professor.
Dated.....................

I certify that............has attended and satisfactorily completed the course of studies in Chemistry.
Professor.
Dated.....................

I certify that............................has attended and satisfactorily completed the course of studies in Biology.
Professor
Dated.....................

I certify that..........................'s conduct and progress have been satisfactory and that he has completed the course of studies prescribed for the Intermediate Examination.

Dated......... ....
Principal.

B. A. Examination.

Certificate of attendence of.............in the Osmania University College during the year............

Subject	No. of lectures in the college	No. of lectures attended
English	..	..
Optionals	..	..
Theology or Morals	..	..

I certify that............has attended and satisfactorily completed the course of instruction in Physics.

Dated............   *Professor.*

I certify that............has attended and satisfactorily completed the course of instruction in Chemistry.

Dated............   *Professor.*

I certify that............'s conduct and progress have been satisfactory and that he has completed the course of studies prescribed for the B. A. Examination.

Dated............   *Principal.*

M. A. EXAMINATION.

This is to certify that............has prosecuted a regular course of study in the Osmania University

College for.............academic years (with effect from.....................134.........to............

134 Fasli).

He has attended............lectures out of............lectures in............(subject) given in

the College during the said period.

Dated...............................134 F.

Principal.

M. SC. EXAMINATION.

This is to certify that............has prosecuted a regular course of study in the Osmania University

College (with effect from.....................134..... to.....................134...... Fasli).

He has attended........lectures out of............lectures in............(subject) given in the

College during the said period.

Dated...............................134 F.

Principal.

M. B. B. S. First Professional Examination.

This is to certify that............has prosecuted a regular course of study in Anatomy (including Embryology) of............lectures extending over two long and short terms from 133   F. to 133   F. with demonstrations and dissections of the whole human body.

Dated................

Professor of Anatomy.

This is to certify that............has prosecuted a regular couse of study in Physiology of............lectures extending over two long and short terms from 133   F. to 133   F.

Dated................

Professor of Physiology.

This is to certify that............has attended in 133   F. a course in Practical Histology of............meetings of two hours each extending over two short terms.

Dated................

Professor of Practical Histology.

This is to certify that............has attended............meetings of two hours each in physio-logical Chemistry and............meetings of two hours each in experimental physiology.

Dated................

Professor.   *Professor.*

M. B. B. S.—Second Professional Examination.

This is to certify that................has prosecuted a regular course of study in Materia Medica (including Therapeutics) of................lectures extending over two long and short terms.

Dated................

Professor of Materia Medica.

This to certify that................has attended................meetings of two hours each of Practical Pharmacy from 18⅟ F. to 18⅟ F.

Dated................

Professor of Pharmacy.

This is to certify that................has attended a course of study in Hygiene of................lectures, (including Practical Demonstrations) and instruction in Vaccination extending over one long term in 18⅟ F.

Dated................

Professor of Hygiene.

M. B. B. S.—THIRD PROFESSIONAL EXAMINATION.

This is to certify that.............has attended a course of study in Pathology (including Bacteriology) of.............lectures extending over two long terms from 184   F. to 134   F.

Dated................

Professor of Pathology.

This is to certify that.............has   attended.............meeting of two hours each in Practical Pathology from 184   F. to 184   F.

Dated................

Professor of Practical Pathology.

This is to certify that.............has attended a course of study in Medical Jurisprudence of..........lectures extending over one long term from 184   F. to 184   F., and has attended.............meetings of *Post Mortem* Examinations.

Dated................

Professor of Medical Jurisprudence.

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B. E. EXAMINATION

Part I Examination.

This is to certify that.............has prosecuted a regular course of study in the Engineering College during the year 134 F. to 134F., after passing the.............Examination, and out of.........lectures delivered at the College has attended.............lectures.

Dated.............   Secretary, Engineering College.

DIPLOMA IN EDUCATION EXAMINATION.

This is to certify that.............has prosecuted a regular course of study in the Osmania Training College after passing his B. A. Examination (with effect from.............134.......to.............

He has attended.............lectures out of.........lectures given on different subject in the College, which amounts to......per cent.

Dated............. ....134 Fasli.   Principal.

(f) LL. B. (PREVIOUS OR FINAL) EXAMINATION.

This to certify that.............has prosecuted a regular course of study in the Osmania University College for.............academic years (with effect from.............134 to.........134 Fasli).

He has attended.........lectures out.............lectures given in the College during the said period.

Dated ....19 .   ,   Principal.

(*iii*) FORM OF APPLICATION FOR REGISTRATION OF GRADUATES

Name in full as entered in Diploma   ..   ..   ..

Father's name ..   ..

Degree or degrees taken   ..   ..   ..   Year or years of Convocation at which the Degree or Degrees were taken.

Present occupation   ..   ..

Permanent postal address ..   ..   ..

Whether he elects to pay an annual fee or a composition fee   ..

Dated..........................198 .

Signature.................

(IV) FORMS OF AGREEMENT AND SECURITY BONDS FOR UNIVERSITY LOAN FUND.

(1) *Form of Agreement.*

I...............................s/o................................residing in...............hereby agree that I would repay the loan of B.G. Rs.........that would be advanced to me by His Exalted Highness the Nizam's Government in various instalments as would be required by me for purposes of study in foreign countries, in monthly instalments which shall be one-fourth of my salary in........years, with interest at the rate of 4½ per cent. per annum.

In the event of my failing to pay either the principal amount or the interest as stated above, I shall be held personally responsible for the amount that might remain due by me, to recover which I hereby authorise His Exalted Highness the Nizam's Government in the Osmania University to take action against me in accordance with the Public Demands Recovery Act No. 4 of 1308 Fasli. I further agree to remain in Government service till the repayment of the full amount of the loan or for 5 years (whichever period be less). In the event of my failing to abide by this condition, the Government would be entitled to recover the full amount with compound interest at 8 per cent. in lump sum.

In token of my above undertaking I sign this in the presence of two witnesses.

(2) *Security Bond.*

Whereas the Government Osmania University have agreed to advance to..
son of...................................a total loan of B.G............. in various instalments, each of which will
be considered as a separate loan for the purpose of studies in foreign countries in accordance with the
" University Loan Fund " rules. I......................................as his surety hereby agree that the said borrower
shall repay the loan in.........years by monthly instalment which shall be one-fourth of his salary with
interest at the rate of 4½ per cent. per annum and in the event of the said borrower failing to repay the full
amount or any part of the loan with interest, I shall pay the same in full. In the event of my failing to pay
the said amount, the Government in the Osmania University would be entitled to recover it in accordance
with the Public Demands Recovery Act No. 4 of 1308 F. I further agree not to transfer or incumber in any
way my property of the value of...................consisting of...of which I
am the sole owner till the repayment of the full amount of the loan.